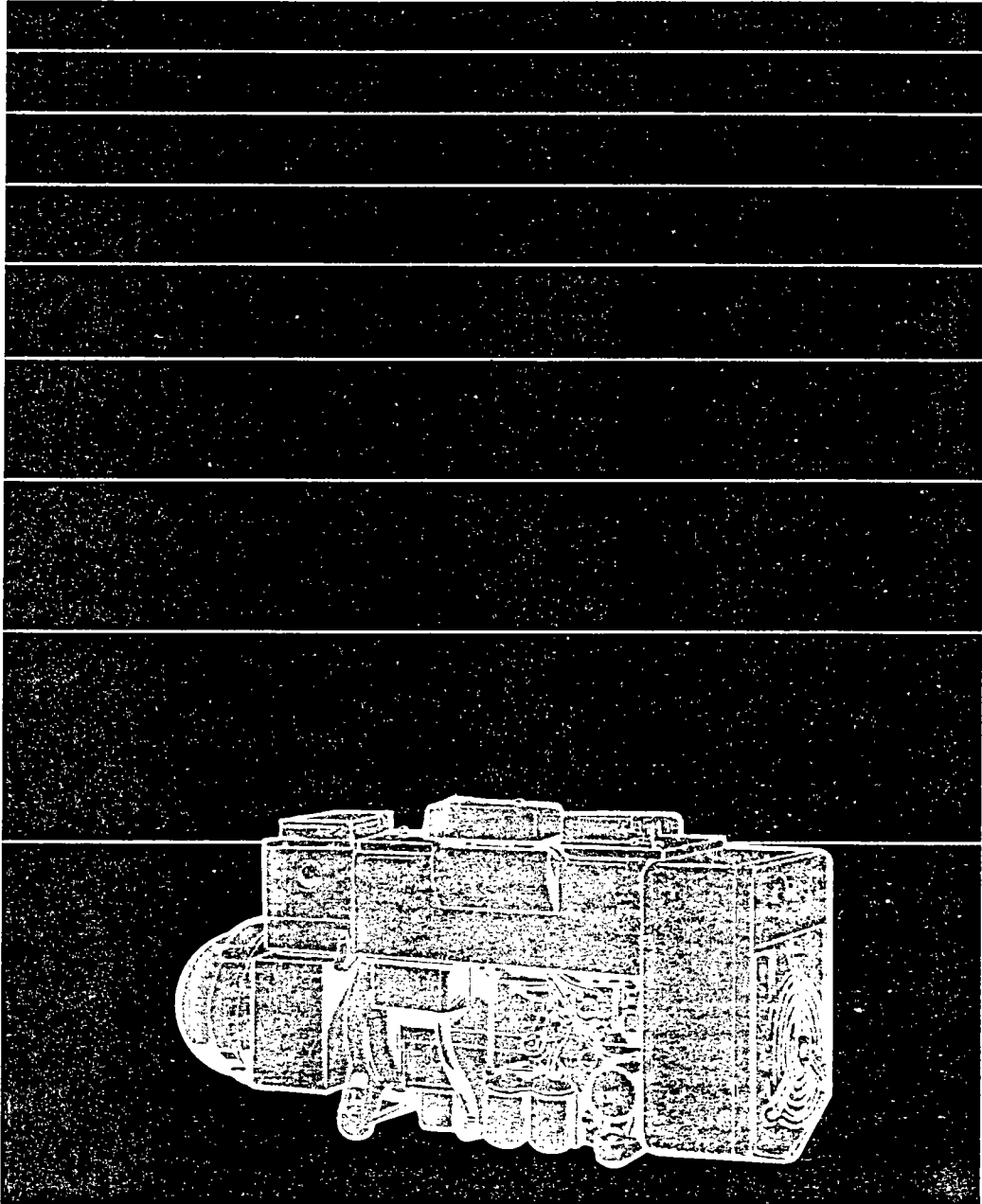


The following catalog
has gaps in its page
numbers, or doesn't
have any numbers.
We have chosen to
leave the page
numbering in the
order that Acrobat
assigns it.



Parts Catalog

DJC GENERATOR SET



Printed U.S.A.

967-0222 (Spec A-AD) 9-88
Replaces (Spec A-AC) 2-81

Supplement: 967-2002
Date: 9-94
Insert With-
Title: "J" Series Diesel
Parts Catalog Spec
Advance
Number: As Listed Below

This Supplementary Parts List Spec advances specific "J" series diesel generator sets as shown:

"J" Series Models	New Spec Advance Letter	Catalog Number
DJB Generator Spec AC to	D	967-0221
DJC Generator Spec AD to	E	967-0222
DJE Generator Spec AG to	H	967-0225
RDJC Generator Spec AD to	E	974-0221

Note that all models are being Spec advanced to a single letter due to limited computer space.

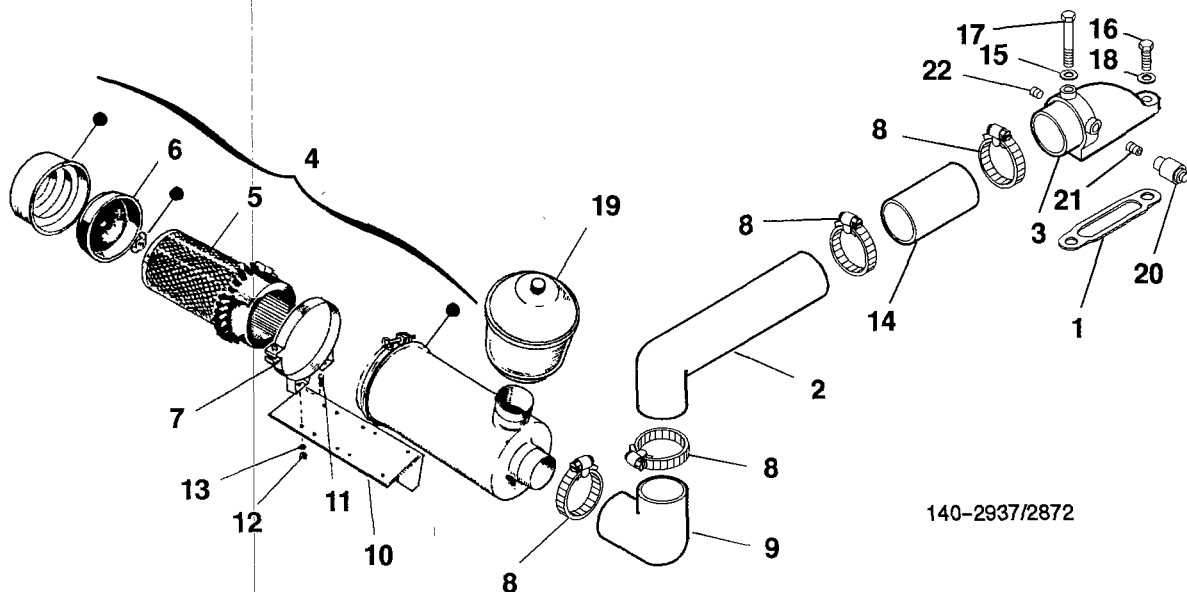
Model DJE was first manufactured in the double Spec letter AB and advanced through the alphabet (AB to AC, AC to AD, etc.) due to manufacturing changes using the double letter format to Spec AG and is now being advanced to the single Spec letter H as shown in the middle column above.

Models DJB, DJC and RDJC were first manufactured in the early 1960's beginning with the single Spec letter A. The Spec letters advanced through the alphabet (A to B, B to C.....Z to AA, AA to AB, etc.) due to manufacturing changes and are now advanced to a single Spec letter as shown in the middle column above. Use caution when ordering service replacement parts for the DJB, DJC and RDJC models. Do not confuse 1994 single letter production models with 1960's single letter production models. Example: When the parts catalog lists two part number choices based on Spec letter differences such as "Spec A through R" and "Begin Spec S", use the "Spec A through R" part number for 1960's single Spec letter production and the "Begin Spec S" part number for 1994 single Spec letter production. Example: When the parts catalog lists three part number choices based on Spec letter differences such as "Spec A through AA", "Spec AB" and "Begin Spec AC", use the "Spec A through AA" part number for 1960's single Spec letter production and the "Begin Spec AC" part number for 1994 single Spec letter production. The following may also be used as a guide: The 1960's production generator set nameplates used a number(s) and letter(s) combination (i.e.: 3CR, 4R, 18R, 53CR, 57XR, 518R, etc.) for the voltage code and is shown near the center of the complete model and Specification number (i.e.: 12.5RDJC-**9XR**/8066E). With the 1994 production generator set nameplates the voltage code is no longer used (i.e.: 12.5RDJC8066E). When in doubt, obtain the complete model and serial number and consult the factory.

This "J" series diesel supplement covers the change for the "J" series product line standardization program. Some low usage feature options were made obsolete and some high usage feature options were made standard. The following pages reflect these changes. Page headings list the model (s) that the changes apply to. Page headings with no model listed apply to all models.

In addition, the generator page for each catalog has an expanded parts list for the generator and rotor through studs that were not completely covered in prior issues of the parts catalogs.

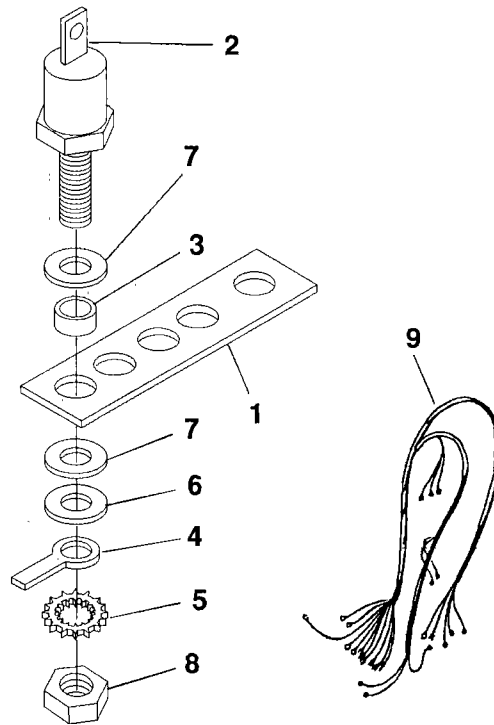
Air Cleaner Heavy Duty DJB, DJC, DJE



140-2937/2872

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-0584	1	Gasket	12	862-0015	4	Nut, Hex (5/16-18)
2			Tube, Air Intake	13	850-0045	4	Washer, Lock - Spring (5/16")
	140-0741	1	DJB, DJE	14	503-0330	1	Hose, Connector
	140-0740	1	DJC	15	526-0018	1	Washer, Flat (1/4")
3			Adapter, Air Cleaner	16	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
	140-0645	1	DJB, DJE	17	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
	140-1212-11	1	DJC	18	850-0040	1	Washer, Lock - Spring (1/4")
4	140-0721	1	Cleaner Assembly, Air (Includes Element and Baffle)	19	140-0723	1	Pre-Cleaner, Air Cleaner
5	140-0765	1	Element	20	140-0961	1	Indicator, Restriction - DJC
6	140-1267	1	Baffle	21	140-1260	1	Fitting, Mounting - Restriction Indicator - DJC
7	140-0722	2	Band, Air Cleaner Mounting	22	505-0008	1	Plug, Slotted (1/8") Air Cleaner Adapter - DJC
8	503-0365	4	Clamp, Hose				
9	503-0419	1	Elbow, Rubber - Moulded				
10	140-1271	1	Bracket, Mounting				
11	800-0024	4	Screw, Cap - Hex Head (5/16-18 x 1-1/2")				

High Air Temperature Switch DJB, DJC, DJE

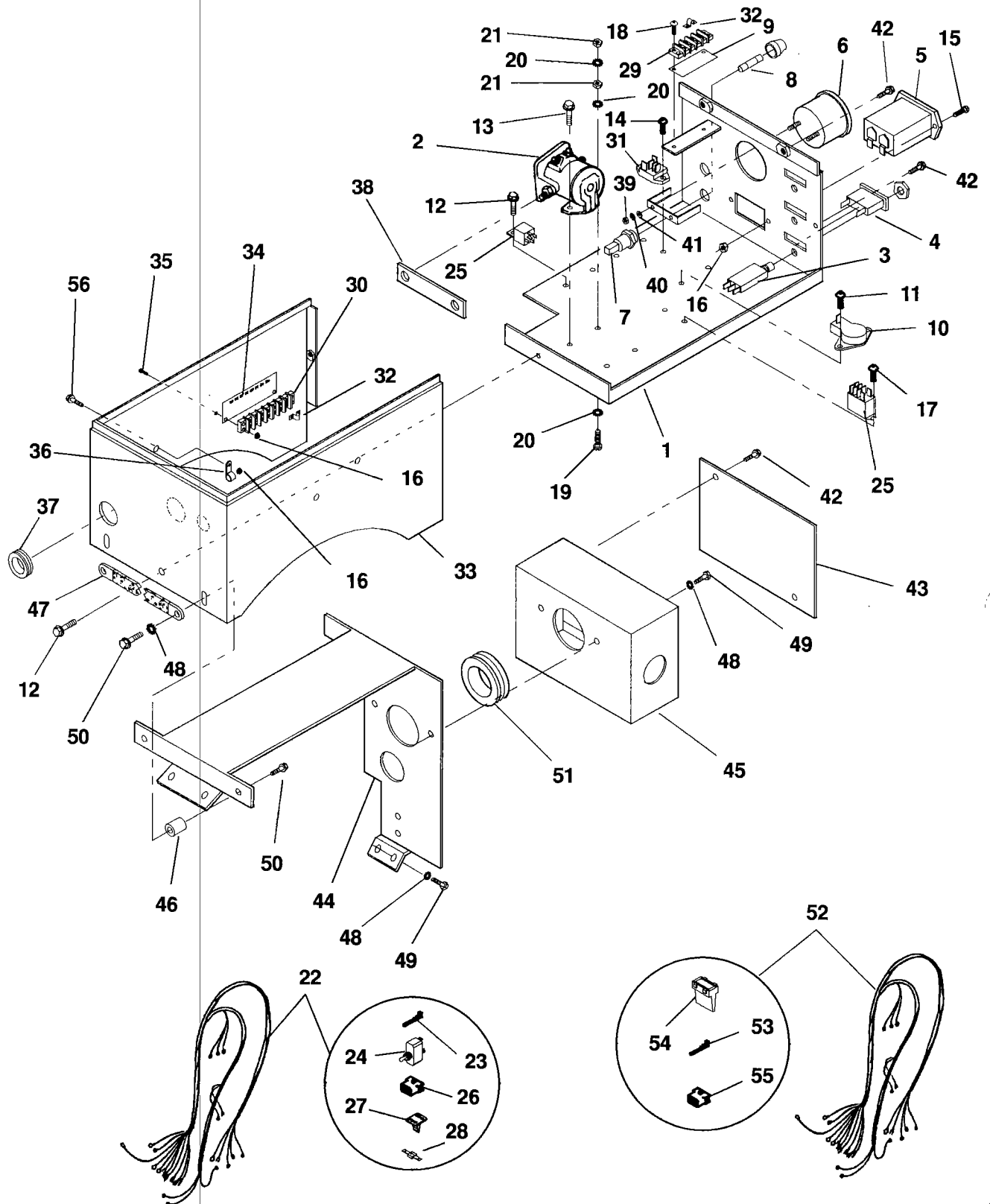


309-0644

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0195	1	Bracket, Mounting
2	309-0206	1	Switch, High Air Temperature (S5)
3	508-0127	1	Insulator, Sleeving
4	332-0876	1	Terminal, Ground

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	856-0006	1	Washer, Lock - EIT (1/4")
6	526-0021	1	Washer, Flat (1/4")
7	508-0126	4	Washer, Insulating
8	862-0001	1	Nut, Hex (1/4-20)
9	338-3197	1	Harness, Wiring - Switch (46")

Control DJB, DJC, DJE



612-6641/6643

Control DJB, DJC, DJE

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Panel, Control	25			Relay
	319-2035-03	1	Without Indicator Lights		307-2817-01	3	*# K12, K14, K15 (Mounted on right side facing panel front)
	319-2035-04	1	With Indicator Lights				# K17 (Sets With Indicator Lights) (Mounted on left side facing panel front)
2			Relay, Solenoid		307-2594	1	
	307-0845	1	Start (K11)				
	307-1046	1	Pre-Heat (K13)				
3			Breaker, Circuit	26	323-1623	1	*# Connector, Plug (6 Place) (P1)
	320-1706-14	1	Without Indicator Lights (CB4)	27	323-1624	1	*# Wedge, Connector (Used in P1)
	320-1824-02	3	With Indicator Lights (CB4,5,6)	28	357-0030	1	*# Rectifier (6 Amp) (CR12)
4			Light, Indicator	29	332-0604	1	*# Block, Terminal (5 Place) (TB11)
	322-0108	1	Low Oil Pressure (DS4)	30	332-0706	1	#& Block, Terminal (8 Place) (TB13)
	322-0109	1	High Engine Temp (DS5)	31	305-0880	1	#& Rectifier, Bridge - 20 Amp (CR7)
	322-0111	1	Overspeed (DS6)	32			Jumper - Terminal Block
5	302-0885	1	Meter, Time Totalizing (M12)		332-1043	1	* Sets Without Indicator Lights
6	302-0446	1	Ammeter, DC (M21)		332-1043	2	# Sets With Indicator Lights
7	321-0175	1	Holder, Fuse	33	301-1962	1	Box, Control
8	321-0146	1	Fuse - 10 Amp (F1)	34	332-3223	1	& Strip, Marker
9	332-0616	1	Strip, Marker	35	812-0065	2	& Screw, Machine - Round Head (#6-32 x 5/8")
10	309-0270	1	& Thermostat (S8)				
11	518-0049	2	& Screw, Machine - Round Head W/ET (#8-32 x 1/4")	36	332-0052	1	Clip, Wire
				37	508-0001	1	Grommet
12	821-0004	4	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")	38	332-0602	1	Jumper, Solenoid
				39	871-0010	4	Nut, Hex - Brass (#10-32)
13	821-0008	3	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/16")	40	850-0030	2	Washer, Lock - Spring (#10)
				41	526-0049	4	Washer, Flat (#10)
14	815-0544	2	& Screw, Machine - Round Head - Cross Recessed W/IT (#6-32 x 1/2")	42	821-0040	8	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")
							Cover, Output Box
15	815-0385	2	Screw, Machine - Round Head (#6-32 x 1/2")	43			DJB, DJE
					301-2466	1	
16			Nut, Hex - W/ET (#6-32)		301-0856	1	DJC, DJE Contractor Models
	870-0183	3	Sets Without Indicator Lights	44	301-3683	1	Saddle, Control Mounting
	870-0183	5	Sets With Indicator Lights	45			Box, Output
17	815-0550	2	& Screw, Pan Head - Cross Recessed W/ET (#6-32 x 3/8")		301-2467	1	DJB, DJE
					301-3682	1	DJC, DJE Contractor Models
18	815-0539	2	Screw, Machine - Round Head - Cross Recessed W/IT (#8-32 x 5/8")	46	402-0070	4	Dampner, Vibration
				47	337-0036	1	Strap, Ground
19	810-0153	1	Screw, Machine - Round Head - Brass (1/4-20 x 1")	48	856-0008	7	Washer, Lock - EIT (5/16")
				49	815-0236	6	Screw, Hex Head - Thread Forming (5/16-18 x 5/8")
20	856-0006	3	Washer, Lock - W/EIT (1/4")	50	821-0014	8	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")
21	871-0016	2	Nut, Hex - Brass (1/4-20)	51	508-0183	1	Grommet
22			Harness, Wiring - Control	52			Harness, Wiring - Engine to Control (Includes Parts Marked @)
	338-2921-02	1	Sets Without Indicator Lights (Includes Parts Marked *)		338-2942	1	DJB, DJE
	338-2922-02	1	Sets With Indicator Lights (Includes Parts Marked #)		338-2943	1	DJC
23	323-1492	6	*# Socket, Contact (Used in P1)	53	323-1491	6	@ Pin, Contact (Used in J1)
24			Switch, Toggle	54	323-1626	1	@ Wedge, Connector (Used in J1)
			Sets Without Indicator Lights	55	323-1625	1	@ Connector, Receptacle (J1)
	308-0345	1	* Start/Stop (S11)	56	812-0065	1	Screw, Machine - Round Head (#6-32 x 5/8")
	308-0037	1	* Pre-Heat (S13)				
			Sets With Indicator Lights				
	308-0329	1	# Start/Stop/Test (S11)				
	308-0037	1	# Pre-Heat (S13)				

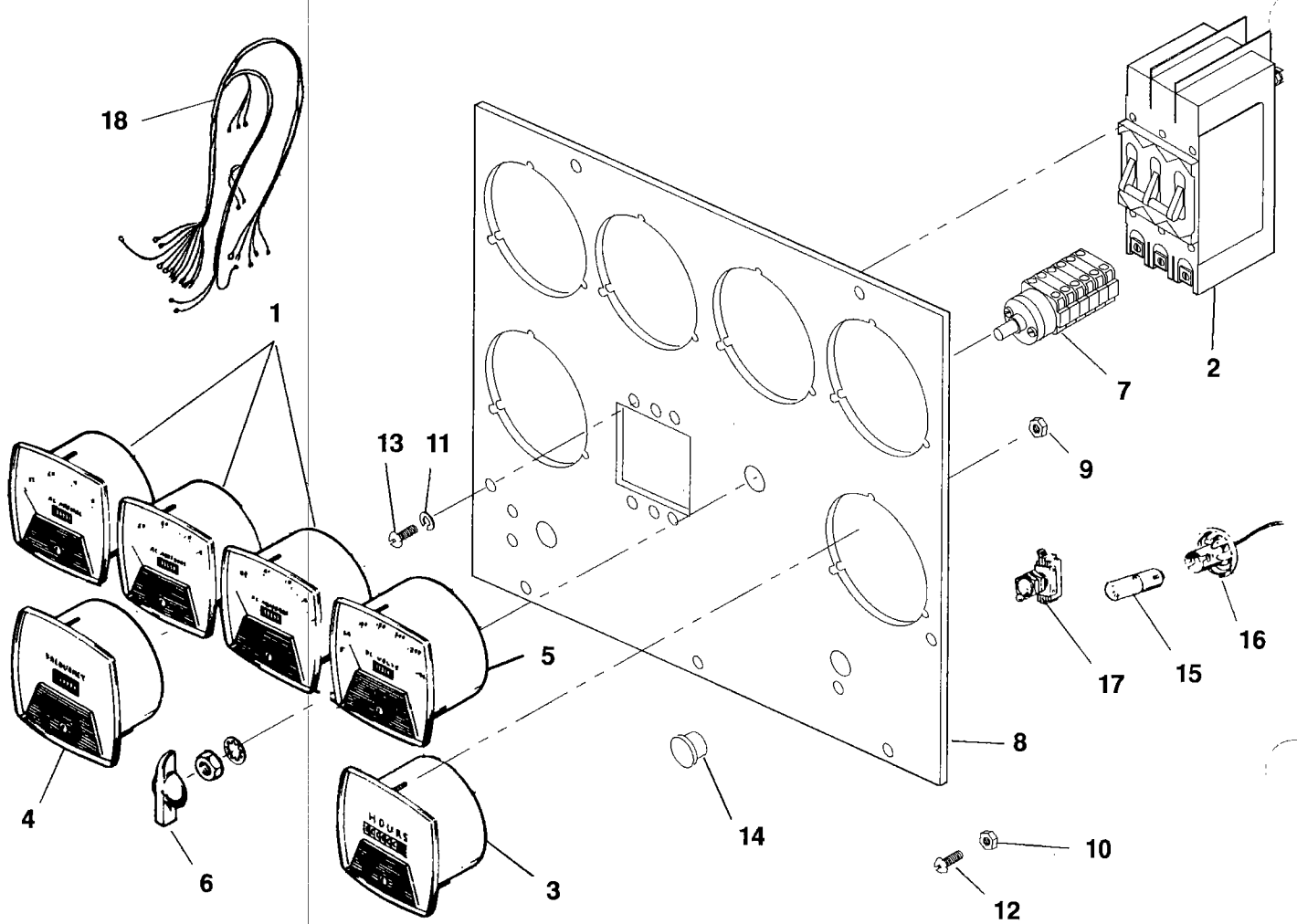
& - Parts Used on Sets With Indicator Lights

* - Parts Included in 338-2921-02 Control Wiring Harness

- Parts Included in 338-2922-02 Control Wiring Harness

@ - Parts Included in 338-2942 and 338-2943 Engine to Control Wiring Harnesses

**AC Meter Panel
DJB, DJC, DJE**

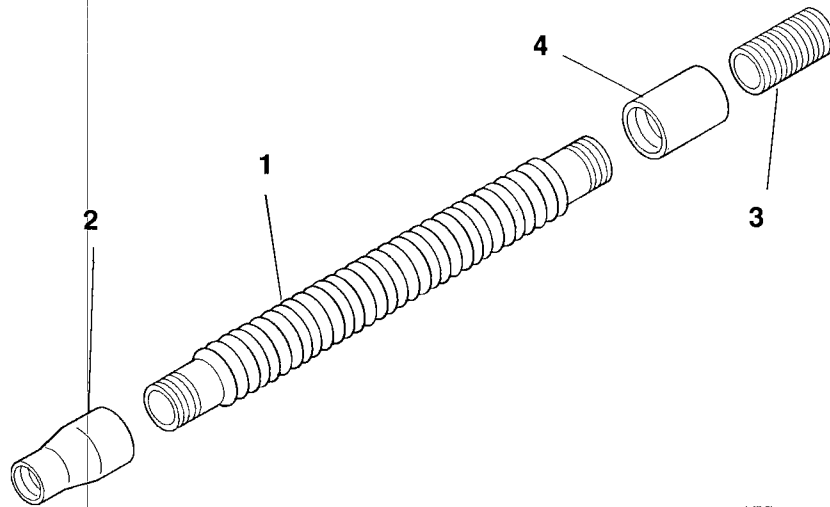


612-6638

AC Meter Panel DJB, DJC, DJE

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Ammeter, AC (Quantity Used: 2 for Sets With 2-Pole Break- ers, 3 for Sets With 3-Pole Breakers) (M3,M4 - Sets With 2-Pole Breakers, M2,M3,M4 - Sets With 3-Pole Breakers)	3			Meter, Time Totalizing (M1 - Sets With 2-Pole Breakers, M5 - Sets With 3-Pole Breakers)
	302-0460	1	Scale Reads 0-20		302-0468	1	Sets With 2-Pole Breakers 50 Hertz
	302-0418	1	Scale Reads 0-30		302-0465	1	60 Hertz
	302-0444	1	Scale Reads 0-35				Sets With 3-Pole Breakers 50 Hertz
	302-0419	1	Scale Reads 0-50		302-0468	1	Under 300 Volts AC
	302-0458	1	Scale Reads 0-80		302-0469	1	Over 300 Volts AC
2			Breaker, Circuit (CB1)				60 Hertz
			Two Pole Breakers		302-0465	1	Under 300 Volts AC
			50 Hertz		302-0466	1	Over 300 Volts AC
	320-1841-02	1	15 Amp	4			Meter, Frequency (M5 for Sets With 2-Pole Breakers, M6 for Sets With 3-Pole Breakers)
	320-1841-03	1	20 Amp				Sets With 2-Pole Breakers
	320-1841-04	1	25 Amp		302-1338	1	Sets With 3-Pole Breakers
	320-1841-05	1	30 Amp				Under 300 Volts AC
	320-1841-08	1	45 Amp		302-1338	1	Over 300 Volts AC
	320-1841-12	1	65 Amp		302-1340	1	
			60 Hertz	5			Voltmeter, AC (M2 for Sets With 2-Pole Breakers, M1 for Sets With 3-Pole Breakers)
	320-1841-03	1	20 Amp				Scale Reads 0-300
	320-1841-04	1	25 Amp				Scale Reads 0-500
	320-1841-05	1	30 Amp		302-0421	1	
	320-1841-06	1	35 Amp		302-0612	1	
	320-1841-07	1	40 Amp	6	303-0076	1	Knob, Rotary Switch
	320-1841-09	1	50 Amp	7	308-1021-02	1	Switch, Rotary (S1)
	320-1841-11	1	60 Amp	8			Panel, Meter
	320-1841-13	1	70 Amp		301-2288	1	Sets With 2-Pole Breakers
			Three Pole Breakers		319-2233-02	1	Sets With 3-Pole Breakers
			50 Hertz	9			Nut, Hex - W/ET (#4-40)
			Under 300 Volts AC		870-1220	15	Sets With 2-Pole Breakers
	320-1827-03	1	20 Amp		870-1220	18	Sets With 3-Pole Breakers
	320-1827-04	1	25 Amp	10	870-0221	5	Nut, Hex - W/ET (#8-32)
	320-1827-06	1	35 Amp	11			Washer, Lock - Spring (#6)
	320-1827-07	1	40 Amp		850-0020	4	Sets With 2-Pole Breakers
	320-1827-09	1	50 Amp		850-0020	6	Sets With 3-Pole Breakers
	320-1827-10	1	55 Amp	12	812-0076	5	Screw, Maching - Round Head (#8-32 x 5/16")
			Over 300 Volts AC	13			Screw, Machine - Round Head (#6-32 x 3/8")
	320-1827-01	1	10 Amp		812-0061	4	Sets With 2-Pole Breakers
	320-1827-02	1	15 Amp		812-0061	6	Sets With 3-Pole Breakers
	320-1827-03	1	20 Amp	14			Plug, Hole
	320-1827-04	1	25 Amp		517-0131	1	Fits 3/8" Hole
	320-1827-05	1	30 Amp		517-0132	1	Fits 7/16" Hole
	320-1827-08	1	45 Amp	15	322-0004	2	Bulb, Panel Light (DS1, DS2)
	320-1827-09	1	50 Amp	16	322-0072	2	Socket, Panel Light
	320-1827-11	1	60 Amp	17			Switch, Toggle
			Over 300 Volts AC		308-0002	1	Panel Light (S1)
	320-1827-02	1	15 Amp		308-0154	1	Start/Stop (S2)
	320-1827-03	1	20 Amp		308-0037	1	Manifold Heater (S3)
	320-1827-04	1	25 Amp	18			Harness, Wiring - Remote
	320-1827-05	1	30 Amp		338-0496	1	Control to Output Box (5 Wire, 36") (W1)
	320-1827-06	1	35 Amp		338-0939	1	Control to Start/Stop and Manifold Heater Switches (4 Wire, 50") (W2)

Exhaust

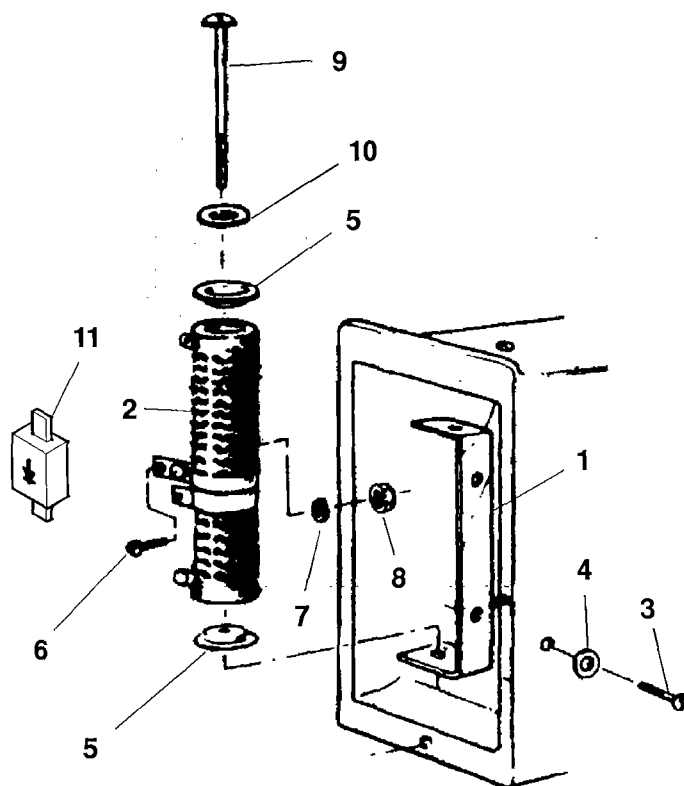


155-2838

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2355-13	1	Tube, Exhaust (18")
2	505-0036	1	Coupling, Reducer - Pipe (1-1/2" to 1-1/4")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	505-0177	1	Nipple, Close - Pipe (1-1/2")
4	505-0032	1	Coupling, Pipe (1-1/2")

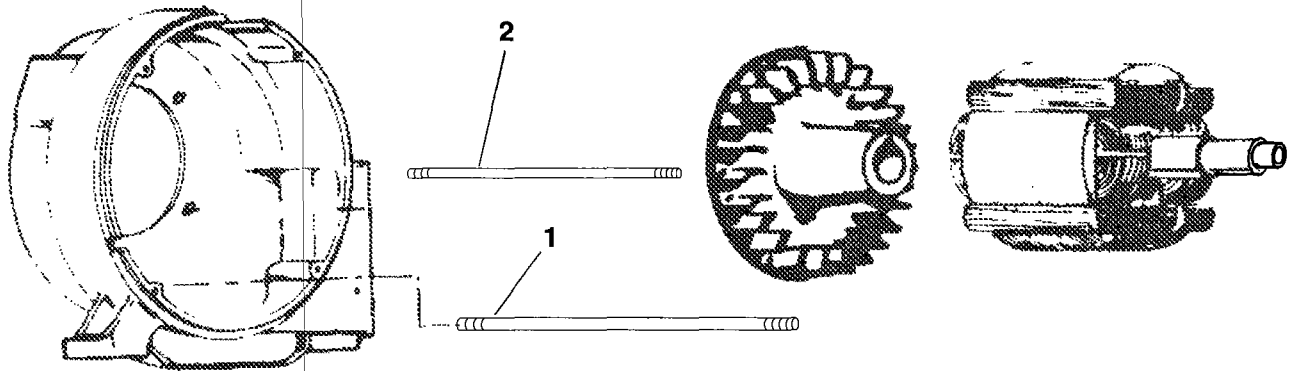
Resistor Generator Air Outlet



304-0824

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	232-2399	1	Bracket, Resistor Mounting	7	856-0003	1	Washer, Lock - EIT (#10)
2	304-0500	1	Resistor, Tapped - Adjustable (2 Ohm, 150 Watt)	8	871-0010	1	Nut, Hex - Brass (#10-32)
3	800-0004	2	Screw, Cap - Hex Head (1/4-20 x 5/8")	9	812-0169	1	Screw, Machine - Round Head (1/4-20 x 5-1/2")
4	850-0040	2	Washer, Lock - Spring (1/4")	10	853-0013	1	Washer, Lock - ET (1/4")
5	304-0006	2	Washer, Centering	11	357-0067	1	Rectifier (6 Amp, 400 Volt)
6	811-0098	1	Screw, Machine - Round Head (Brass) (#10-32 x 3/8")				

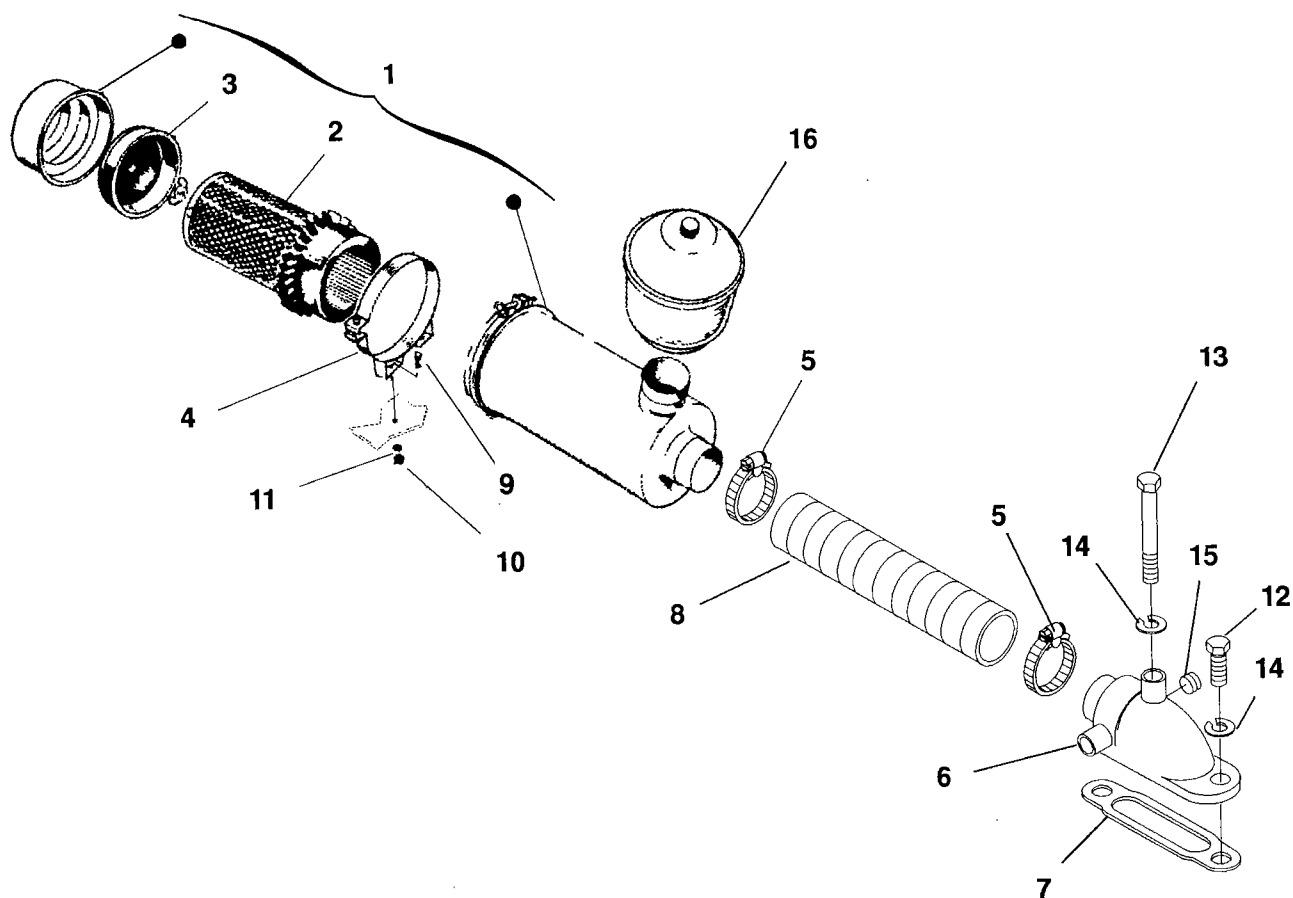
Generator
DJB, DJC, RDJC – Begin Spec AA
DJE – All Models



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Stud, Generator Through (3/8" Diameter)
	520-0794	4	DJB, DJE 7-9/16" Long
	520-0795	4	8-1/4" Long
	520-0797	4	9-15/16" Long
			DJC
	520-0797	4	9-15/16" Long
	520-0798	4	10-5/8" Long
			RDJC
	520-0797	4	9-15/16" Long
	520-0798	4	10-5/8" Long
	520-0799	4	11-3/8" Long

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2			Stud, Rotor Through (7/16" Diameter)
	520-0786	1	DJB, DJE 13-7/16" Long
	520-0787	1	14-1/8" Long
	520-0789	1	15-9/16" Long
			DJC
	520-0789	1	15-9/16" Long
	520-0790	1	16-1/4" Long
			RDJC
	520-0789	1	15-9/16" Long
	520-0790	1	16-1/4" Long
	520-0791	1	17" Long

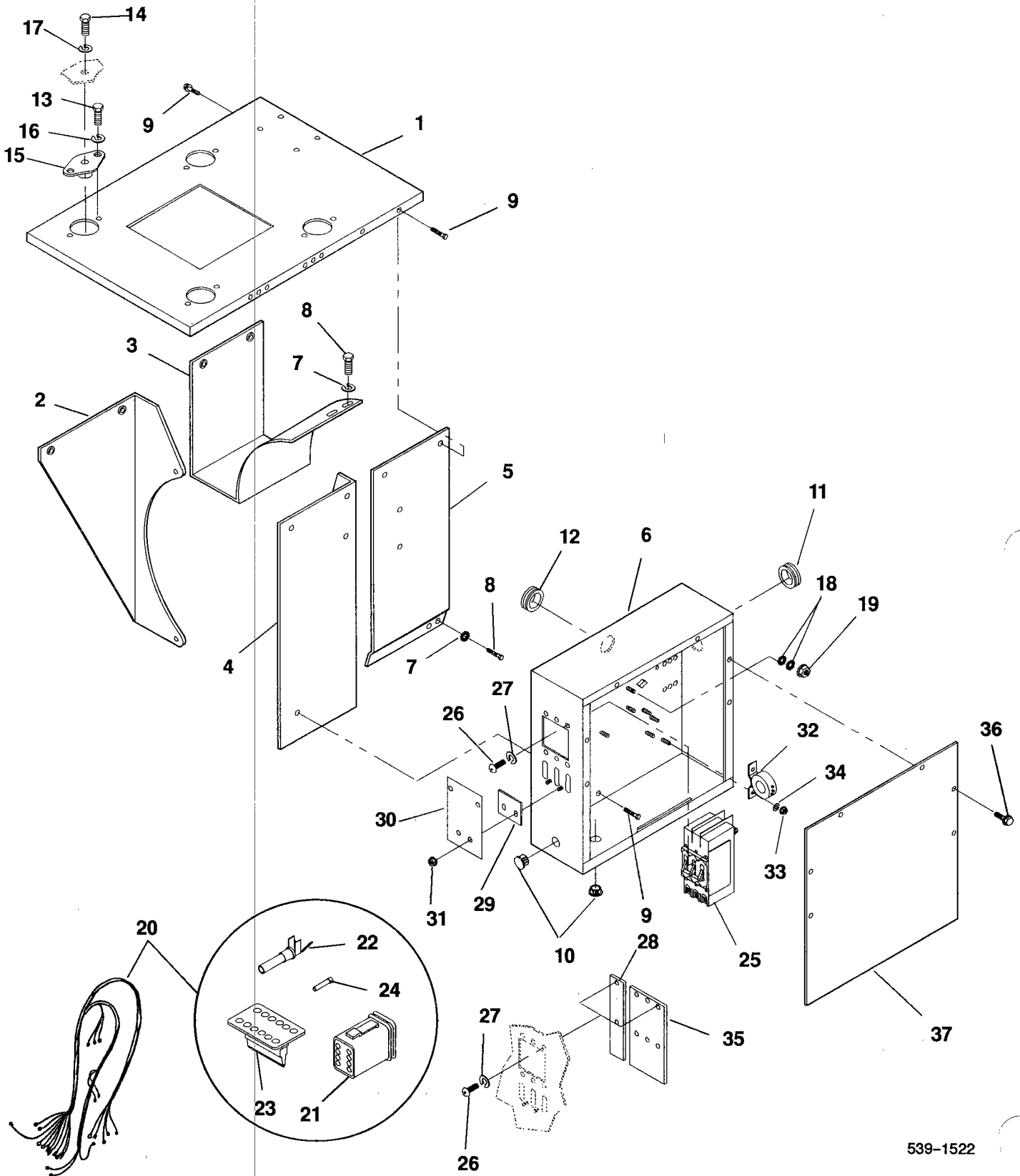
Air Cleaner RDJC



140-2856

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-0721	1	Cleaner Assembly, Air (Includes Element and Baffle)	9	800-6057	4	Screw, Cap - Hex Head (M8 x 20mm)
2	140-0765	1	Element	10	860-2058	4	Nut, Hex (M8)
3	140-1267	1	Baffle	11	850-2058	4	Washer, Lock - Spring (M8)
4	140-0722	2	Band, Air Cleaner Mounting	12	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
5	503-1141	2	Clamp, Hose	13	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
6	140-1212-11	1	Adapter, Air Cleaner	14	850-0040	2	Washer, Lock - Spring (1/4")
7	140-0584	1	Gasket	15	505-0008	2	Plug, Pipe - Slotted (1/8")
8	503-0082	-	Hose, Air Cleaner - Bulk (2" ID) (Order by the foot - 2 feet required)	16	140-0723	1	Pre-Cleaner, Air Cleaner

Output Box RDJC

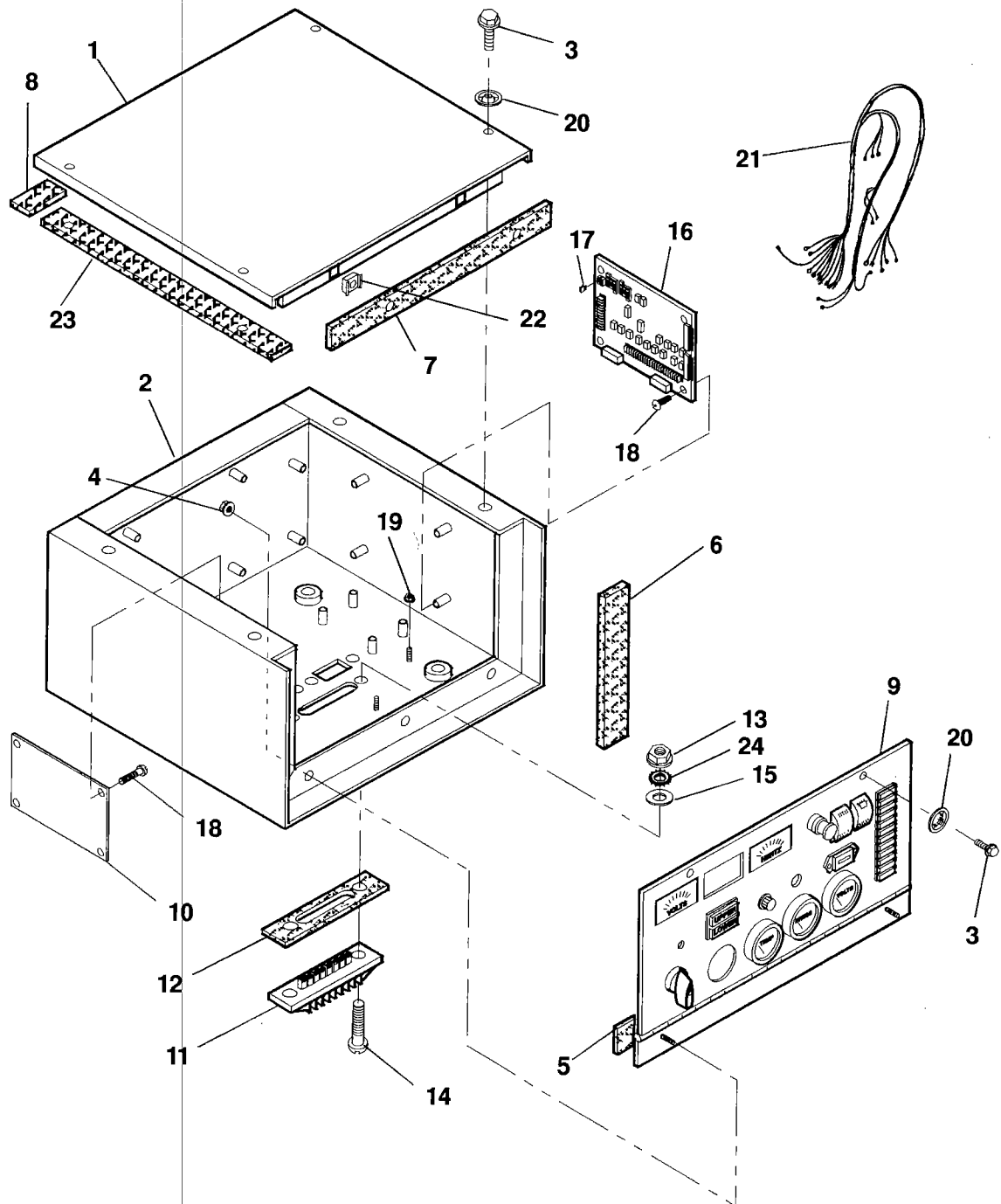


Output Box RDJC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2170	1	Bracket, Mounting - Top				Three Pole Breakers
2	319-2173	1	Support, Mounting - Right Side				480 Volt
3	319-2171	1	Bracket, Mounting - Right Side	320-1827-04	1		25 Amp
4	319-2175	1	Support, Mounting - Left Side	320-1827-05	1		30 Amp
5	319-2172	1	Bracket, Mounting - Left Side	320-1827-06	1		35 Amp
6	319-2174	1	Box, Output	320-1827-07	1		40 Amp
7	856-0008	4	Washer, Lock - EIT (5/16")	320-1827-08	1		45 Amp
8	815-0236	4	Screw, Hex Head - Thread Forming (5/16-18 x 5/8")	320-1827-09	1		50 Amp
9	815-0756	12	Screw, Flanged - Hex Head (M6 x 14mm)	320-1827-10	1		55 Amp
10	517-0137	2	Plug, Hole	320-1827-11	1		60 Amp
11	508-0051	1	Grommet (Fits 2" Hole)	320-1827-12	1		65 Amp
12	508-0117	1	Grommet (Fits 1-3/8" Hole)				600 Volt
13	800-3020	8	Screw, Cap - Hex Head - With Washer and Nylon Patch (M4 x 14mm)	320-1851-03	1		20 Amp
14	800-2060	4	Screw, Cap - Hex Head (M8 x 35mm)	320-1851-04	1		25 Amp
15	402-0666	4	Isolator, Vibration	26	812-0061	6	Screw, Machine - Round Head (#6-32 x 3/8")
16	850-0114-51	8	Washer, Lock - Spring (M4)	27	850-0020	6	Washer, Lock - Spring (#6)
17	850-0114-54	4	Washer, Lock - Spring (M8)	28	319-2185	1	Plate, Cover - Used With Two Pole Circuit Breakers
18	853-2006	2	Washer, Lock - EIT (M6)	29	319-2087	1	Cover, Circuit Breaker
19	860-2007	1	Nut, Hex (M6)	30	98-6803	1	Label - Blank (Used as a Hinge)
20	338-2990	1	Harness, Wiring - Output Box to Control (Includes Parts Marked *)	31	821-2032	2	Nut, Self-Locking - Hex Washer Head (M6)
21	323-1634	1	*Connector, Plug (12 Place) (J21)	32			Transformer, Current (CT21, CT22, CT23)
22	323-1492	11	*Socket, Contact (Used in J21)	302-1984-02	3		Ratio 25/5
23	323-1583	1	*Wedge, Connector (Used in J21)	302-1984-03	3		Ratio 50/5
24	323-1591	1	*Plug, Connector (Used in J21)	302-1984-04	3		Ratio 75/5
25			Breaker, Circuit (CB21)	302-1984-05	3		Ratio 100/5
			Two Pole Breakers - 240 Volt	33	860-2057	6	Nut, Locking - Hex Flange (M6)
	320-1841-06	1	35 Amp	34	850-2056	6	Washer, Lock - Spring (M6)
	320-1841-07	1	40 Amp	35	319-2184	1	Plate, Cover - Generator Sets Without Circuit Breakers
	320-1841-08	1	45 Amp	36	815-0756	6	Screw, Flange Head (M6 x 14mm)
	320-1841-09	1	50 Amp	37	319-2169	1	Cover, Output Box
	320-1841-10	1	55 Amp				
	320-1841-11	1	60 Amp				
	320-1841-12	1	65 Amp				
	320-1841-13	1	70 Amp				
	320-1841-14	1	75 Amp				

* - Parts Included in 338-2990 Wiring Harness

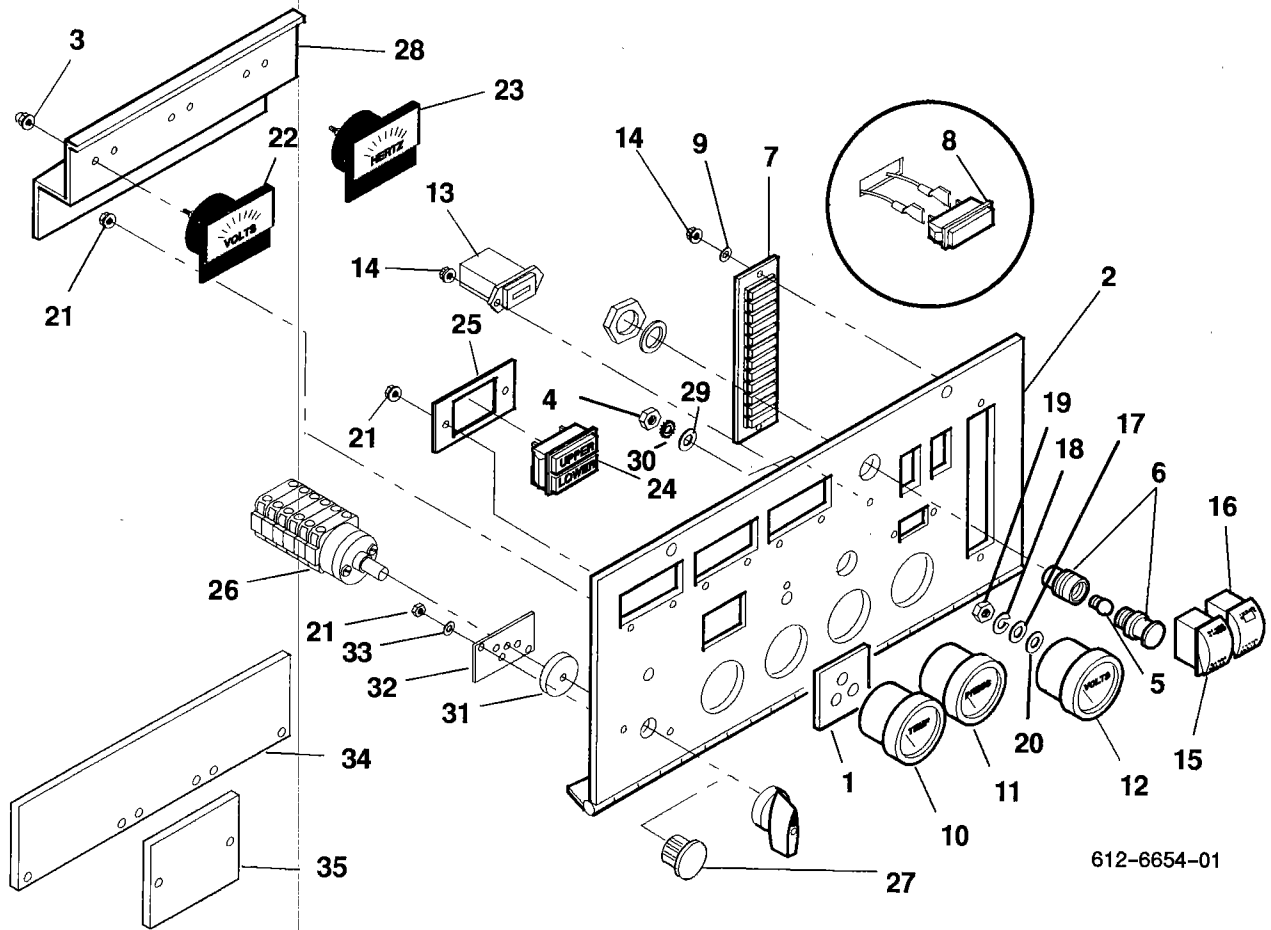
Control RDJC



Control RDJC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2100-01	1	Cover, Control Box	16			Board, Printed Circuit - Engine
2	319-2105	1	Box, Control				Monitor (Includes Fuses) (A11)
3	800-2034-01	6	Screw, Cap - Hex Head (M6 x 20mm)		300-4294	1	Sets With 7 Light Control
					300-4296	1	Sets With 12 Light Control
4	870-2058	3	Nut, Hex - W/ET (M5)	17			Fuse
5	895-0337	1	Gasket, Foam - Hinge		321-0307-03	2	5 Amp (Tan) (F4,F5)
6	895-0336	2	Gasket, Foam - Sides		321-0307-06	1	15 Amp (Light Blue) (F3)
7	895-0338	1	Gasket, Foam - Top		321-0307-07	2	20 Amp (Yellow) (F1,F2)
8	895-0339	1	Gasket, Foam - Cover - Rear	18	815-0550	8	Screw, Machine - Round
9	-	1	Panel Assembly, Control (See Separate Page for Components)				Head - Cross Recessed W/IT (#6-32 x 3/8")
10	300-2898	1	Board, Printed Circuit - Time Delay - Start/Stop/Preheat (A15)	19	870-0183	3	Nut, Hex - W/EIT (#6-32)
				20	526-0422	6	Washer, Retainer - Nylon
11	332-3239	1	Block, Terminal - 8 Place (TB1)	21	-	2	Harness, Wiring - Control
12	332-3244	1	Gasket, Terminal Block				Panel, Engine to Control (See Separate Page for Components)
13	870-0131	2	Nut, Hex - W/ET (#10-32)	22	870-2195	2	Nut, Captive - Floating (M6)
14	813-0108	2	Screw, Machine - Round Head Slotted (#10-32 x 1-1/2")	23	895-0353	2	Gasket, Foam - Cover - Sides
15	526-0008	2	Washer, Flat (#10)	24	853-0008	2	Washer, Lock - ET (#10)

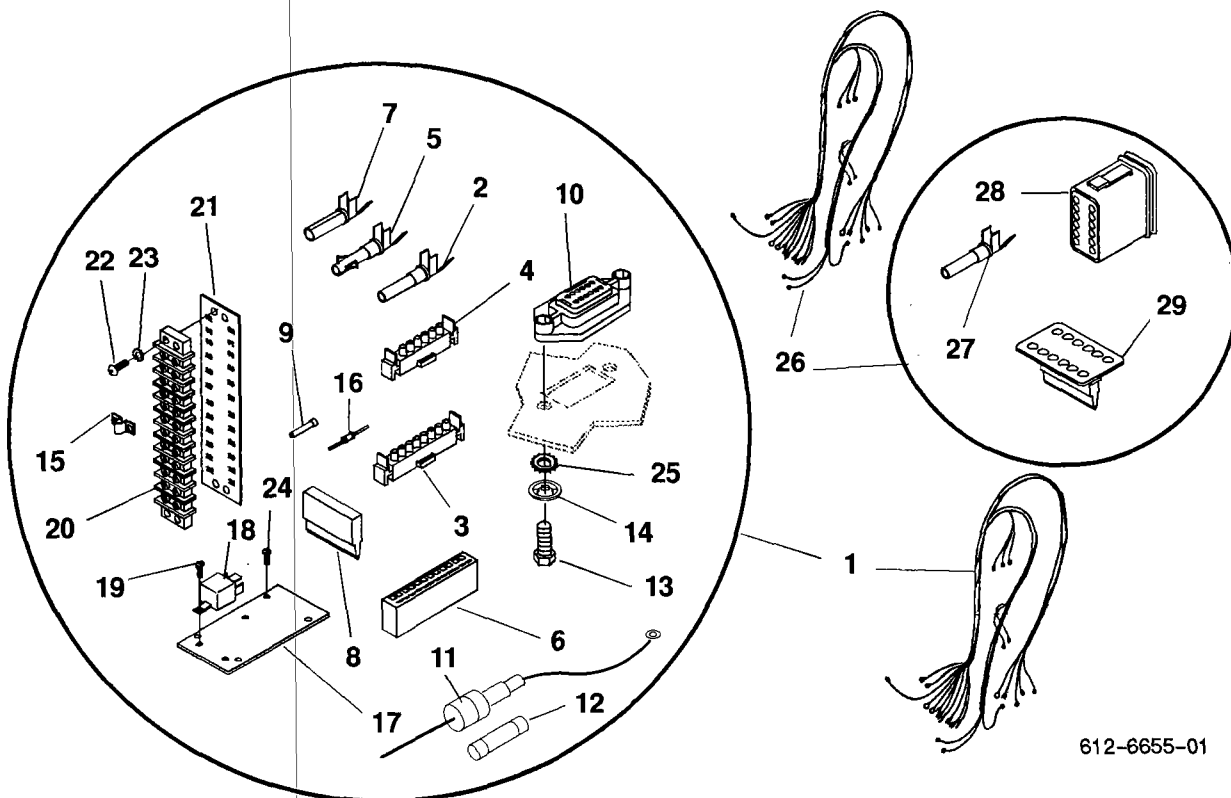
Control Panel Assembly RDJC



Control Panel Assembly RDJC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-4323	1	Board, Printed Circuit - Water Temperature Gauge	19	871-0010	10	Nut, Hex - Brass (#10-32)
2	319-2491-02	1	Panel, Control	20	526-0409	8	Washer, Nylon
3	870-0439	6	Nut, Acorn (1/4-28)	21	870-1220	10	Nut, Hex - W/ET (#4-40)
4	870-0183	1	Nut, Hex - W/ET (#6-32)	22	302-1148	1	Voltmeter (M21)
5	322-0004	1	Bulb, Panel Light - Replacement	23	302-1968	1	Meter, Frequency (M23)
6	322-0361	1	Light, Panel (DS11)	24	322-0363	1	Light, Indicator - Upper/Lower Scale (DS21,DS22)
7			Light Assembly, Indicator (Includes Wiring Harness and Connector Housing) (A12)	25	319-2141	1	Bracket, Mounting - Indicator Light
	322-0359-01	1	7 Light Assembly	26	308-1052	1	Switch, Rotary - Voltmeter/Am-meter (Includes Knob) (S21)
	322-0360-01	1	12 Light Assembly	27	517-0311	1	Plug, Hole - Sets Without Rotary Switch
8	322-0369-01	1	Light, Indicator - Replacement	28	319-2144	1	Cover, Meter - Lexan
9	526-0196	2	Washer, Flat (7/32" ID x 7/16" OD x 1/8" Thk)	29	526-0002	1	Washer, Flat (#6)
10	193-0351	1	Gauge, Water Temperature (M12)	30	853-0005	1	Washer, Lock - ET (#8)
11	193-0352	1	Gauge, Oil Pressure (M11)	31	308-1056	1	Gasket, Switch
12	302-1641	1	Voltmeter (M13)	32	319-2490	1	Bracket, Mounting - Switch
13	302-0885	1	Meter, Time Totalizing (M14)	33	526-0196	2	Washer, Flat (7/32" ID x 7/16" OD x 1/8" Thk)
14	870-1220	4	Nut, Hex - W/ET (#4-40)	34	319-2143	1	Plate, Cover - AC Meter Openings - Sets Without AC Meters
15	308-1011	1	Switch, Rocker - Run/Stop/Remote (S12)	35	319-2142	1	Plate, Cover - Upper/Lower Scale Opening - Sets Without Upper/Lower Scale Indicator Lights
16	308-1010	1	Switch, Rocker - Lamp Test/Restart (S11)				
17	526-0049	13	Washer, Flat - Brass (#10)				
18	850-0030	5	Washer, Lock - Spring (#10) Voltmeter and Oil Pressure Gauge				

Wiring Harness RDJC



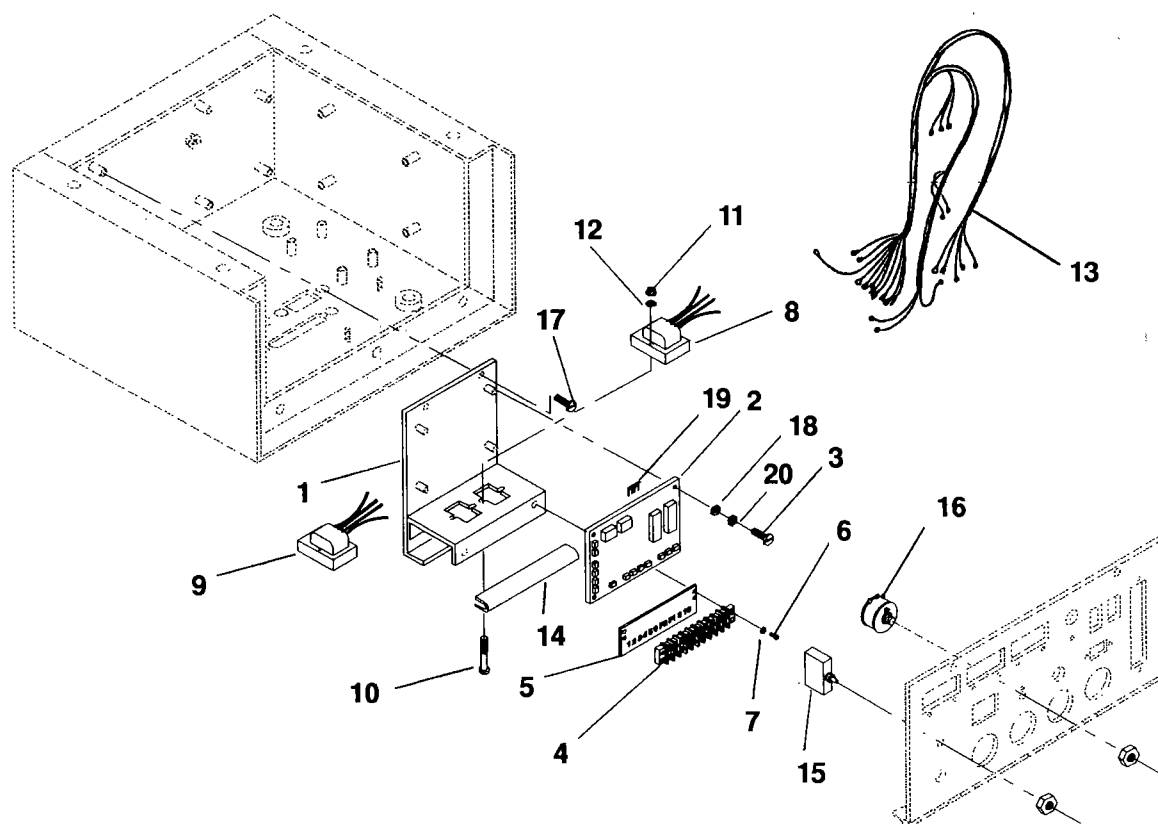
612-6655-01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Wiring - Control Panel (Includes Parts Marked *)	16	350-1222	1	Resistor (1.5k Ohms) (Used on TB21)
	338-2991-02	1	Sets Without AC Meters	17	319-2140	1	Plate, Relay Mounting
	338-2992-02	1	Sets With AC Meters	18	307-2817-01	3	Relay (K11,K12,K13)
2	323-1491	21	*Pin, Contact (Used in P1, P21)	19	821-0040	3	Screw, Locking - Slotted - Hex Flange Head (#10-32 x 5/16")
3	323-1306	1	*Housing, Connector - 8 Place (J1)	20	332-0607	1	Block, Terminal - 12 Place (TB21)
4	323-1304	2	*Housing, Connector - 6 Place (J1,J2)	21	332-2723	1	Strip, Marker
5	323-1200-01	15	*Socket, Contact (Used in J1,J2)	22	812-0028	2	Screw, Machine - Round Head (#4-40 x 5/16")
6	323-1308	1	*Housing, Connector - 12 Place (J4)	23	853-0003	2	Washer, Lock - W/ET (#4)
7			*Pin, Contact (Used in J4)	24	815-0550	4	Screw, Fillister Head - Cross Recessed W/IT (#6-32 x 3/8")
	323-1302	11	Sets Without AC Meters	25	856-0006	1	Washer, Lock - Countersunk W/ET (1/4") (Used on Plug End of Ground Terminal of Engine Wiring Harness 338-2991-02)
	323-1302	8	Sets With AC Meters	26	338-3036	1	Harness, Wiring - Engine to Control (Includes Parts Marked #)
8	323-1581	2	*Wedge, Receptacle (Used in P1, P21)	27	323-1492	7	#Socket, Contact (Used in J1)
9	323-1591	3	*Plug, Connector (Used in P1, P21)	28	323-1582	1	#Plug, Connector - 12 Place (J1)
10			*Connector, Receptacle - 12 Place	29	323-1583	1	#Wedge, Plug (Used in J1)
	323-1633-01	1	Grey (P1)				
	323-1633-02	1	Black (P21)				
11	321-0330	1	*Holder Assembly, Fuse (Includes Fuse)				
12	321-0113	1	*Fuse - 30 Amp (F1)				
13	800-2033-01	4	Screw, Cap - Hex Head (M6 x 16mm)				
14	526-0422	4	Washer, Retainer - Nylon				
15	332-1043	1	Jumper (Used on TB21)				

* - Parts Included in Control Panel Wiring Harnesses

- Parts Included in 338-3036 Engine Wiring Harness

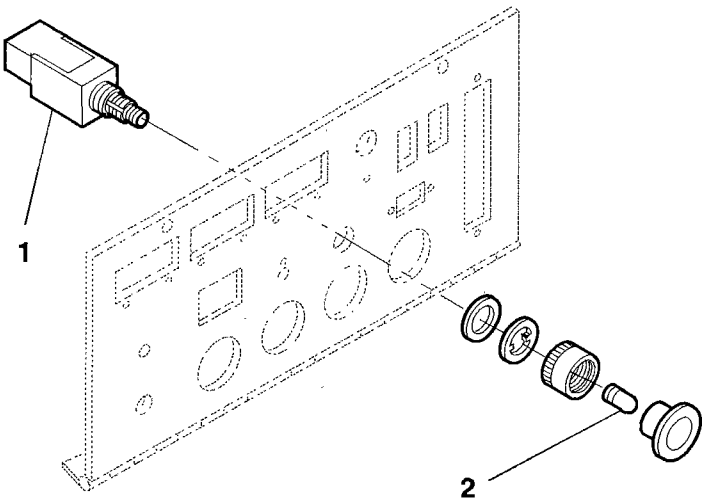
Voltage Regulator RDJC



300-4330-01

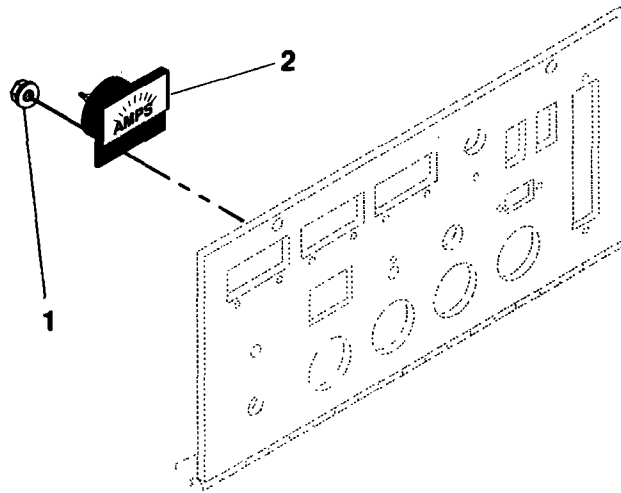
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	305-0895	1	Plate, Mounting	11	870-0183	4	Nut, Hex - Locking - W/ET (#6-32)
2			Board, Printed Circuit - Voltage Regulator (VR21)	12	526-0002	4	Washer, Flat (#6)
	300-1540	1	Assembly With Visible Components	13			Harness, Wiring - Voltage Regulator (VRTB to VR21)
	305-0688	1	Assembly With Potted Components		338-3008	1	Used With 300-1540 Voltage Regulator Board (5 Wire)
3			Screw, Machine - Round Head		338-3006	1	Used With 305-0688 Voltage Regulator Board (7 Wire)
	812-0061	4	Used With 300-1540 Voltage Regulator Board (#6-32 x 3/8")	14	508-0139	-	Channel, Rubber - Bulk (Order by the foot - 1 foot required)
	812-0071	4	Used With 305-0688 Voltage Regulator Board (#6-32 x 1-1/2")	15	320-1121-01	1	Breaker, Circuit - 3 Amp (CB21)
4	332-0751	1	Block, Terminal (10 Place) (VRTB21)	16	303-0261	1	Potentiometer (R21)
5	332-3247	1	Strip, Marker (10 Place)	17	815-0428	2	Screw, Pan Head - W/ET (#10-32 x 3/8")
6	812-0082	2	Screw, Machine - Round Head (#8-32 x 3/4")	18	526-0002	4	Washer, Flat (#6) Used With 305-0688 Voltage Regulator Board
7	853-0005	2	Washer, Lock - ET (#8)	19	332-2605	1	Jumper - Used With 305-0688 Voltage Regulator Board
8	315-0386	1	Transformer, Voltage (T21)	20	853-0003	4	Washer, Lock - W/ET (#6) Used With 305-0688 Voltage Regulator Board
9	315-0391	1	Reactor (CMR21)				
10	812-0071	4	Screw, Machine - Round Head (#6-32 x 1-1/2")				

Emergency Stop Switch
RDJC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-1026	1	Switch, Pushbutton - Emergency Stop (Includes Bulb) (S14)	2	322-0223	1	Bulb, Replacement

AC Ammeter RDJC



300-4333

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-1220	2	Nut, Hex - W/ET (#4-40)	2	302-1473	1	Ammeter (0-50/100) (M22)

INDEX

TITLE	PAGE
INTRODUCTION	2
GENERATOR SET DATA TABLE	2
GENERATOR SET SECTION	
Air Cleaner and Fuel Filters	16
Camshaft	12
Control	32
Crankshaft and Flywheel	3
Cylinder Block and Oil Base	6
Cylinder Head, Valve and Rocker	4
Exhaust System	18
Fuel Pump and Injection System	14
Gearcase	11
Generator - Begin Spec AA	24
Generator Alternator - Spec A Thru Z	31
Generator Exciter - Spec A Thru Z	26-29
Governor	12
Housing, Air	19
Mounting Hardware	10
Oil System	8
Piston and Rod	3
Regulator, Voltage - Begin Spec AA	34
Service Kits and Miscellaneous	35
Start-Disconnect Plate and Stop Solenoid	13
Starter (Mitsubishi)	22
Starter (Prestolite)	20
Starter Parts (Mitsubishi)	23
Starter Parts (Prestolite)	21
CONTRACTOR MODELS SPECIAL PARTS SECTION	
Air Cleaner and Fuel Filter	37
Control	38
Cylinder Block and Oil Base	35
Exhaust System	36
Fuel Pump and Injection System	36
Gearcase	35
Oil System	36
Starter	36
OPTIONAL EQUIPMENT SECTION	
Air Shutter Discharge	42,43
High Air Temperature Switch	41
Housing	48
Miscellaneous Optional Parts	50
Oil Bath Air Cleaner	49
Panel, AC Meter	46
Skid and Battery Rack	45
Tank, Fuel (Housed Sets)	40
Voltage Regulator Filter	41

INTRODUCTION

This catalog applies to the standard DJC Generator Sets as listed below. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the *Model* and *Spec No.* from the nameplate, select the parts from this catalog that apply to your set. Unless otherwise mentioned in the description, parts are interchangeable between models. Right and left sides are determined by facing the engine end (front) of the set.

GENERATING SET DATA TABLE

£ MODEL AND SPEC NO.	ELECTRICAL DATA				
	WATTS	VOLTS	HERTZ	WIRE	PHASE
9.0DJC-53CR/*	9,000	120/240	50	**	1
9.0DJC-54R/*	9,000	120/208	50	4	3
9.0DJC-54XR/*	9,000	277/480	50	4	3
9.0DJC-55DR/*	9,000	120/240	50	4	3
9.0DJC-57R/*	9,000	220/380	50	4	3
9.0DJC-59R/*	9,000	600	50	3	3
9.0DJC-518R/*	9,000	★	50	12	3
12.0DJC-3CR/*	12,000	120/240	60	**	1
12.0DJC-4R/*	12,000	120/208	60	4	3
12.0DJC-4XR/*	12,000	277/480	60	4	3
12.0DJC-5DR/*	12,000	120/240	60	4	3
12.0DJC-9R/*	12,000	600	60	3	3
12.0DJC-18R/*	12,000	★	60	12	3
12.0DJC-3CE/* (Formerly 12DJC-3E2236/)	Contractor Models - See Special Parts List following the Standard Parts List.				

* - The Specification Letter advances (A to B, B to C, . . . Z to AA, AA to AB, etc.) with manufacturing changes. A Specification Number, other than 1, designates customer option(s).

** - These generators have four load wires which are reconnectable for 120 volt 2 wire service, or 240 volt 2 wire service, or 120/240 volt 3 wire service. **NOTE:** Previously the C designation was not in the model.

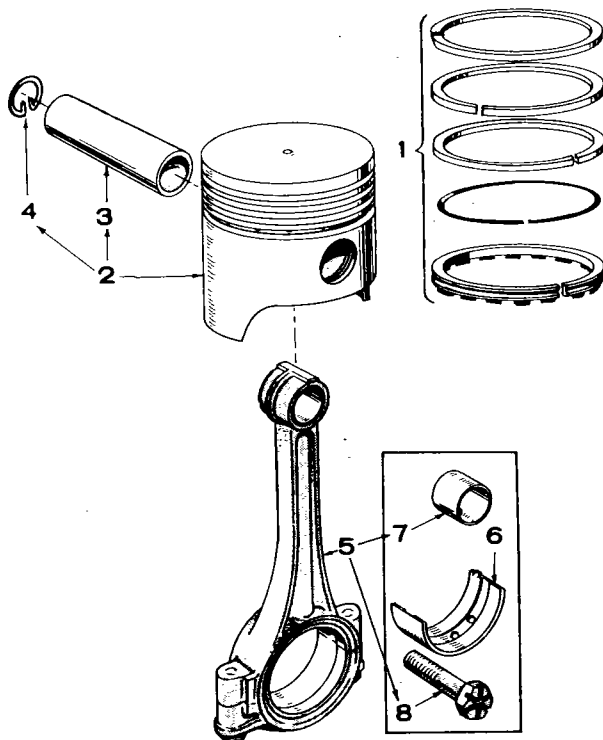
£ - New model designation shown, begin during 1969. Previous designation did not use a decimal in the KW rating. **EXAMPLE:** 9.0DJC was formerly 9DJC and 12.0DJC was formerly 12DJC.

★ - Broad range reconnectable sets, refer to connection diagram inside Outlet Box cover.

NOTICE!

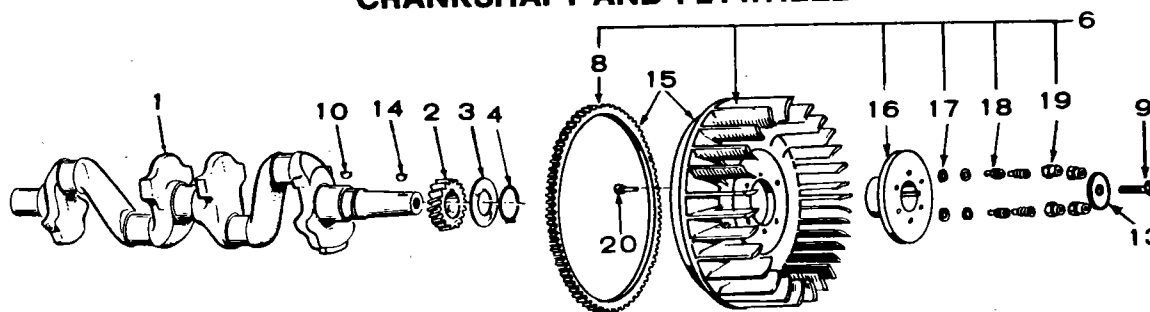
ITEMS REFERENCED AS **OPTIONAL** INDICATE PART IS FACTORY INSTALLED AND MAY NOT BE APPLICABLE TO ALL MODELS. FOR FIELD CONVERSIONS ADDITIONAL PARTS ARE USUALLY REQUIRED.

PISTON AND ROD



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	RING SET		
	113-0130	4	Standard
	113-0130-05	4	.005" Oversize
	113-0130-10	4	.010" Oversize
	113-0130-20	4	.020" Oversize
	113-0130-30	4	.030" Oversize
	113-0130-40	4	.040" Oversize
2	PISTON AND PIN (Includes Pin Retaining Rings)		
	112-0103	4	Spec A through N Standard
	112-0103-10	4	.010" Oversize
	112-0103-20	4	.020" Oversize
	112-0103-30	4	.030" Oversize
	112-0103-40	4	.040" Oversize
			Begin Spec P
	112-0109	4	Standard
	112-0109-05	4	.005" Oversize
	112-0109-10	4	.010" Oversize
	112-0109-20	4	.020" Oversize
	112-0109-30	4	.030" Oversize
	112-0109-40	4	.040" Oversize
3	112-0093	4	Pin, Piston
4	112-0085	8	Ring, Retaining
5	114-0168	4	Rod Assembly, Connecting
6	BEARING HALF, CONNECTING ROD		
	114-0164	8	Standard
	114-0164-02	8	.002" Undersize
	114-0164-10	8	.010" Undersize
	114-0164-20	8	.020" Undersize
	114-0164-30	8	.030" Undersize
7	114-0170	4	Bushing, Piston Pin Connecting Rod
8	805-0012	8	Bolt, Place (Special)

CRANKSHAFT AND FLYWHEEL

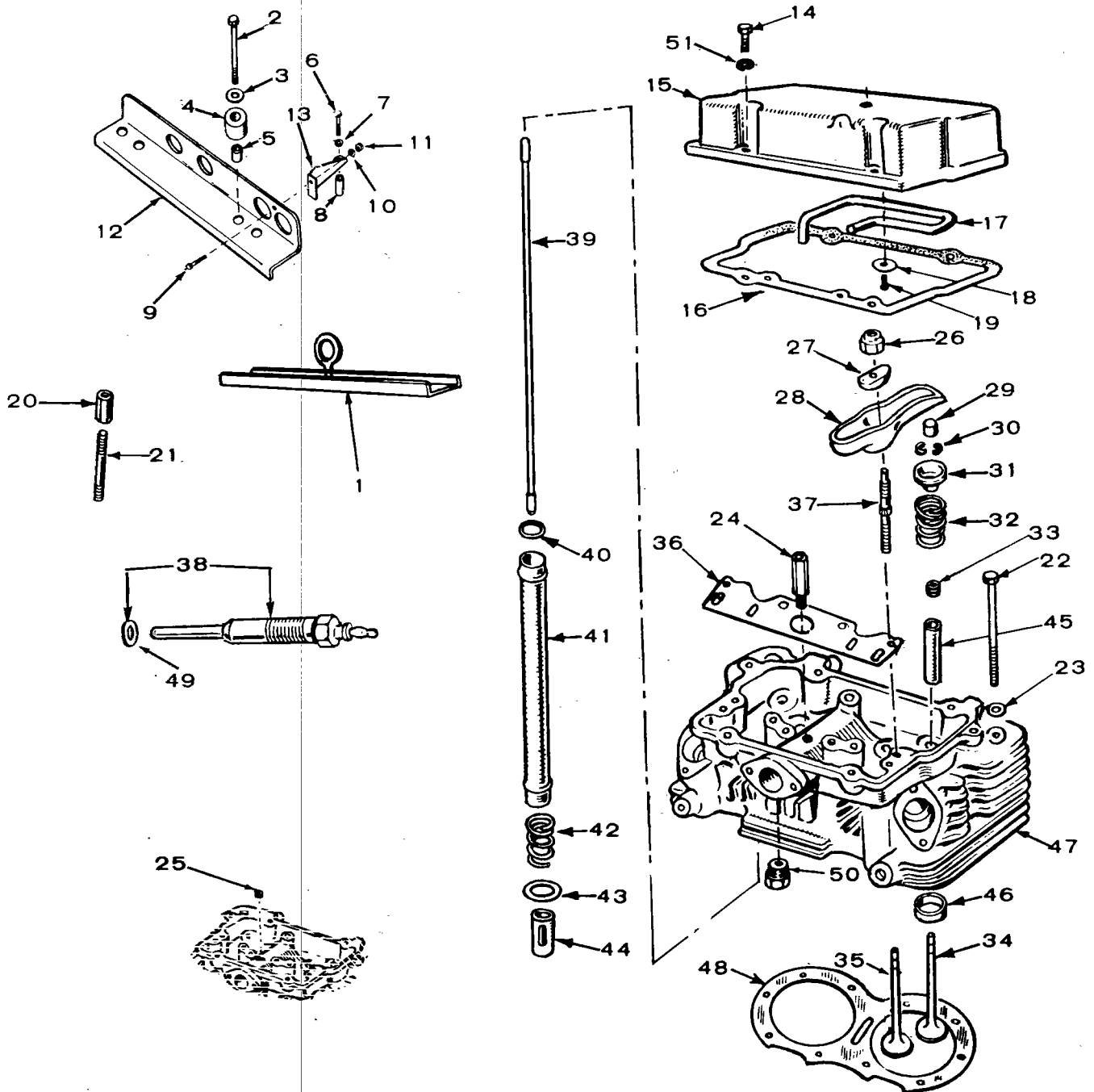


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	134-3960	1	Kit, Hardware - Hub Mounting (Includes Parts Marked *)
1	104-1118	1	Crankshaft
2	104-0418	1	Gear, Crankshaft
3	104-0416	1	Washer, Gear Retainer
4	518-0188	1	Ring, Lock
6	134-1405	1	Flywheel, Includes Ring Gear & Hub Assembly
8	104-0423	1	Gear, Ring
9	800-0500	1	Screw (7/16-14 x 5-1/2") Flywheel Mounting
10	515-0001	1	Key, Crankshaft Gear
13	526-0185	1	Washer, Flywheel Mounting

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
14	515-0153	1	Key, Flywheel to Crankshaft
15	134-1404	1	Flywheel (Includes Ring Gear, Less Hub)
16	HUB, FLYWHEEL		
	134-1401	1	Standard
	134-4527	1	PTO Application
17	526-0187	4	*Washer (Special) Hub to Flywheel
18	104-0543	4	*Spacer & Washer Assembly, Hub to Flywheel
19	870-0352	4	*Nut (3/8-24) Hub to Flywheel
20	801-0054	4	*Screw, Cap - Hex Head (3/8-24 x 2" lg)

* - Parts Included 134-3960 Hardware Kit.

CYLINDER HEAD, VALVE AND ROCKER



CYLINDER HEAD, VALVE AND ROCKER

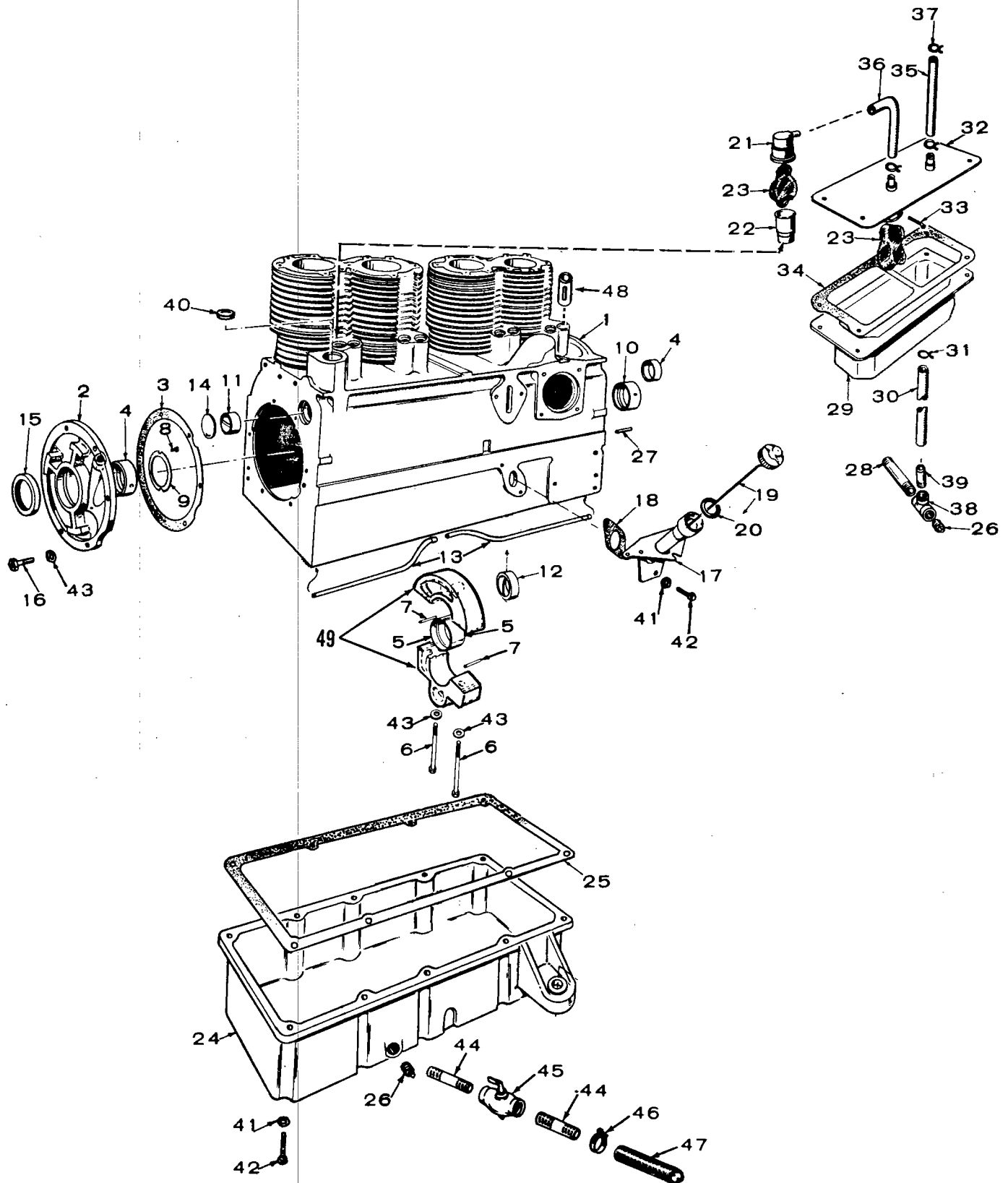
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1		1	Bar, Lifting - Spec A Only (Not Available; order 403-0690 and Mtg. Hardware)	25	505-0274	2	£†Plug, Hex - Prior to Spec P
2	SCREW, CAP - HEX HEAD			26	115-0150	8	Locknut, Rocker Arm
	800-0091	2	Spec A (1/2-13 x 1-1/4")	27	115-0127	8	Ball, Pivot
	800-0094	2	Begin Spec B (1/2-13 x 2")	28	ARM, ROCKER		
3	850-0060	2	Washer, Lock - Spring - Spec A (1/2")		115-0128	4	Exhaust Valves
3	526-0100	2	Washer, Flat - Begin Spec B (9/16" ID x 1-3/8" OD x 7/64" Thk)		115-0129	4	Intake Valves
4	402-0361	2	Cushion, Vibration - Begin Spec B	29	110-0859	8	Cap, Valve Stem
5	402-0362	2	Spacer - Begin Spec B	30	110-0858	16	Lock, Valve Stem
6	800-0038	1	Screw, Cap - Hex Head - Begin Spec B (5/16-18 x 3-1/4")	31	110-1220	8	Retainer, Valve Spring
7	850-0044	1	Washer, Lock - Spring - Begin Spec B (5/16")	32	110-1221	8	Spring, Valve
8	403-0826	1	Spacer - Begin Spec B	33	SEAL, OIL - VALVE STEM		
9	800-0025	1	Screw, Cap - Hex Head - Begin Spec B (5/16-18 x 5/8")		509-0132	4	Begin Spec AC
10	850-0044	1	Washer, Lock - Spring - Begin Spec B (5/16")		509-0090	4	Specs A thru AB
11	862-0015	1	Nut, Hex - Begin Spec B (5/16-18)	34	110-1278	4	Valve, Exhaust
12	403-0690	1	Bracket, Lifting - Begin Spec B	35	VALVE, INTAKE		
13	403-0890	1	Brace, Lifting Bracket - Begin Spec B		110-1871	4	Begin Spec AC
14	SCREW, CAP - HEX HEAD				110-1320	4	Specs A thru AB
	800-0030	8	Spec A (5/16-18 x 1-1/4")	36	115-0196	2	†£Guide, Push Rod
	800-0030	7	Begin Spec B (5/16-18 x 1-1/4")	37	115-0152	8	Stud, Rocker Arm
15	115-0134	2	Cover Assembly, Rocker (Includes Parts Marked *)	38	333-0106	4	Kit, Glow Plug
16	115-0130	2	Gasket, Rocker Cover Mounting	39	115-0149	8	Rod, Push
17	120-0628	2	*Line, Oil	40	509-0084	8	Seal, Push Rod Shield
18	526-0130	2	*Washer, Flat (17/64" ID x 1" OD x 1/16" Thk)	41	115-0151	8	Shield, Push Rod
19	815-0562	2	*Screw, Machine - Pan Head - Cross Recessed (#10 x 5/16")	42	115-0146	8	Spring, Push Rod Shield
20	403-0620	2	Nut, Extension - Spec A Only	43	115-0155	8	Washer, Flat - Push Rod Shield
21	520-0626	2	Stud, Cylinder Head - Spec A Only	44	TAPPET, VALVE		
22	SCREW, CAP - HEX HEAD				115-0195	8	Begin Spec P
	110-1264	10	(Special)		115-0132	8	Specs A thru N
	800-0503	10	Spec A (3/8-16 x 1-3/4")	45	£GUIDE, VALVE		
	800-0503	12	Begin Spec B (3/8-16 x 1-3/4")		110-1869	4	Intake - Begin Spec AC
23	526-0174	12	Washer, Flat (.406" ID x .781" OD x .1345" Thk)		110-1870	4	Exhaust - Begin Spec AC
24	123-1140	2	£Vent, Standpipe - Begin Spec T		110-1501	8	Intake/Exhaust - Spec A thru AB
				46	£INSERT, VALVE SEAT		
					110-1268	8	Standard
					110-1268-02	8	.002" Oversize
					110-1268-05	8	.005" Oversize
					110-1268-10	8	.010" Oversize
					110-1268-25	8	.025" Oversize
				47	HEAD ASSEMBLY, CYLINDER (REPLACEMENT)		
							Without Valves (Includes Parts Marked †)
					110-2941	2	Begin Spec P
					110-2701	2	Prior to Spec P
							With Valves (Includes Parts Marked £)
					110-2940	2	Begin Spec P
					110-2993	2	Prior to Spec P
				48	110-1223	2	Gasket, Cylinder Head
				49	110-0546	4	Gasket, Glow Plug
				50	502-0281	2	†Connector, Inverted Male
				51	850-0045	8	Washer, Lock - Spring (5/16")

† - Parts included in Cylinder Head Assembly
Without Valves

£ - Parts included in Cylinder Head Assembly
With Valves

* - Parts included in Rocker Cover Assembly.

CYLINDER BLOCK AND OIL BASE



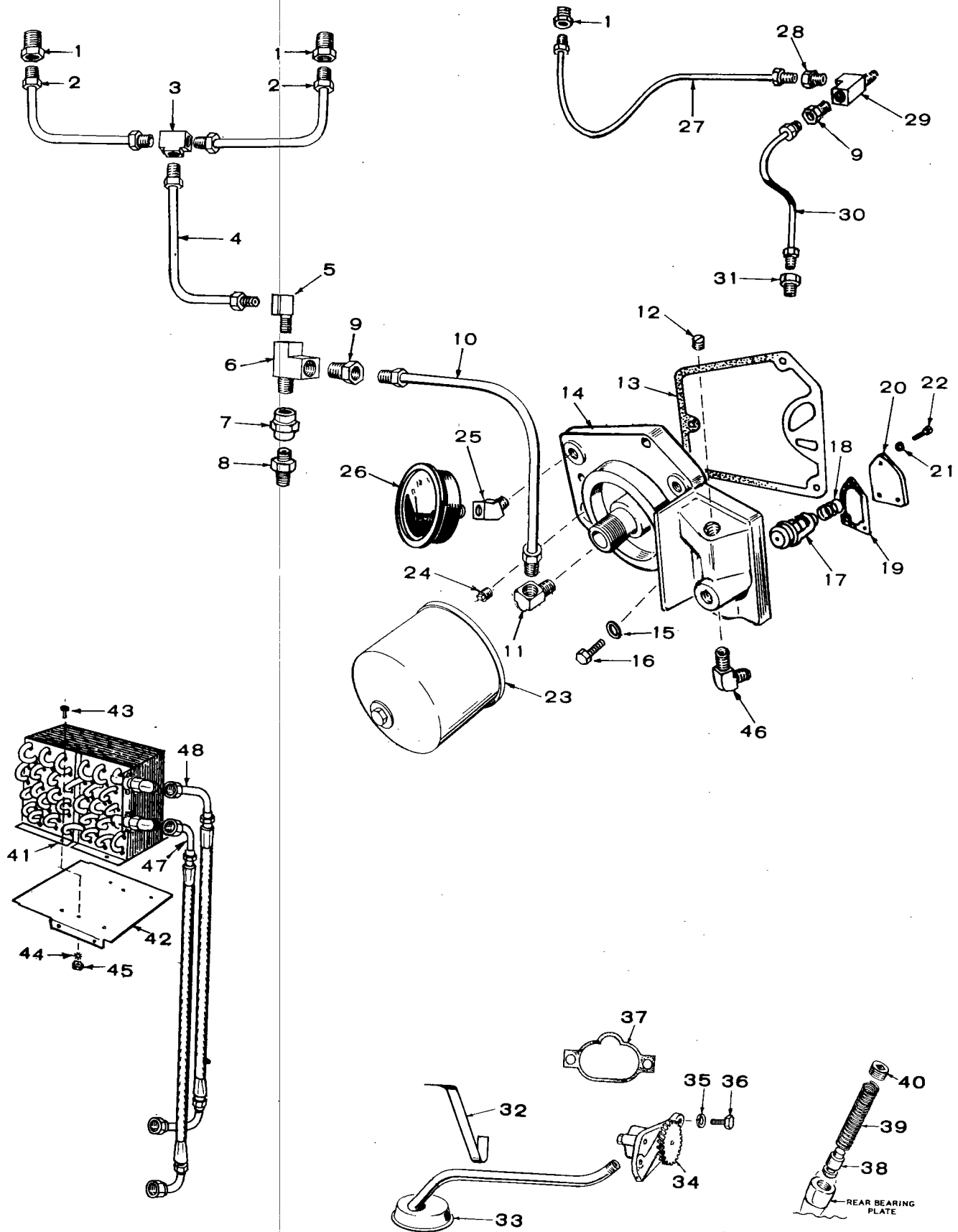
CYLINDER BLOCK AND OIL BASE

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-1332	1	Block Assembly, Cylinder (Includes Parts Marked *)
2	101-0337	1	*Plate, Rear Bearing (Less Bearing and Pins)
3	101-0386	1	*Shim and Gasket Kit, Rear Bearing Plate
4	*BEARING, PRECISION MAIN - FRONT OR REAR		
	101-0359	2	Standard
	101-0359-02	2	.002" Undersize
	101-0359-10	2	.010" Undersize
	101-0359-20	2	.020" Undersize
	101-0359-30	2	.030" Undersize
5	*BEARING, HALF - PRECISION - CENTER MAIN		
	101-0361	2	Standard
	101-0361-02	2	.002" Undersize
	101-0361-10	2	.010" Undersize
	101-0361-20	2	.020" Undersize
	101-0361-30	2	.030" Undersize
6	101-0342	2	*Bolt, Center Bearing Housing
7	516-0149	2	*Pin, Center Bearing Housing
8	516-0072	4	*Pin, Thrust Washer
9	104-0420	2	*Washer, Crankshaft Thrust
10	101-0363	1	*Bearing, Camshaft - Front
11	101-0365	1	*Bearing, Camshaft - Rear
12	101-0364	1	*Bearing, Camshaft Center
13	*TUBE, CRANKCASE OIL		
	120-0586	1	Front
	120-0585	1	Rear
14	517-0053	1	*Plug, Expansion
15	509-0086	1	Seal, Crankshaft Rear
16	805-0019	6	*Bolt, Rear Bearing Plate (3/8-16 x 1-1/4")
17	TUBE, OIL FILL		
	123-1086	1	Begin Spec S
	123-0681	1	Specs A thru R
18	123-0667	1	Gasket, Oil Fill
19	CAP AND INDICATOR		
	123-1056	1	Begin Spec S
	123-0698	1	Specs A thru R
20	123-0191	1	Gasket, Cap
21	123-0787	1	Cap, Breather Tube - Specs A thru S
22	123-0645	1	Tube, Breather - Specs A thru S
23	FILTER, BREATHER		
	123-1283	2	Spec S Only (Specs A thru R used 1 only)
24	BASE, OIL		
	102-0539	1	Begin Spec B
	102-0476	1	Spec A Only (No Longer Available - Replaced By: 1 - 102-0539 Oil Base 1 - 231-0111 Adapter, Engine to Generator 2 - 402-0285 Mount 2 - 402-0287 Mount 1 - 402-0323 Hardware Pkg. Use with Oil Base Heater
	102-0549	1	

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
25	102-0475	1	Gasket, Oil Base
26	505-0056	1	Plug
27	516-0141	2	*Pin, Gear Cover Alignment
28	505-0681	1	Nipple, Pipe - Spec S Only
29	123-1061	1	Damper, Breather Pulsation - Spec S Only
30	503-0564	1	Hose, Overflow - Pulsation Damper - Spec S Only
31	503-0197	2	Clamp, Overflow Hose - Spec S Only
32	123-1047	1	Cover, Breather Pulsation Damper - Spec S Only
33	516-0177	1	Pin, Cotter - Baffle Retainer - Spec S Only
34	123-1049	1	Gasket, Breather Pulsation Damper - Spec S Only
35	503-0563	1	Hose, Damper Cover Intake Manifold - Spec S Only
36	503-0562	1	Hose, Damper Cover to Breather Cap - Spec S Only
37	503-0170	4	Clamp, Hose - Breather Pulsation - Spec S Only
38	505-0682	1	Tee, Oil Drain - Spec S Only
39	505-0683	1	Nipple, Half - Damper Hose to Oil Drain - Spec S Only
40	517-0103	1	Plug, Core Hole - Begin Spec T
41	WASHER, LOCK - SPRING		
	850-0055	10	Oil Base Mounting (7/16")
	850-0045	2	Oil Fill Tube Mounting (5/16")
42	SCREW, CAP - HEX HEAD		
	800-0072	10	Oil Base Mounting (7/16-14 x 1-1/4")
	800-0026	2	Oil Fill Tube Mounting (5/16-18 x 3/4")
43	WASHER, FLAT		
	526-0245	6	Bearing Plate Mounting (.391" ID x .6250" OD x .0598" Thk)
	526-0035	2	*Center Main Bearing Housing (17/32" ID x 7/8" OD x 1/8" Thk)
44	505-0002	1	Nipple, Oil Drain
45	504-0011	1	Valve, Oil Drain
46	503-0197	1	Clamp, Hose
47	503-0316	1	Hose, Oil Drain
48	115-0195	8	*Tappet, Cylinder Block
49	101-0356	1	*Housing, Bearing - Center Main (Includes Pins)

* - Parts Included in 110-1332 Cylinder Block Assembly

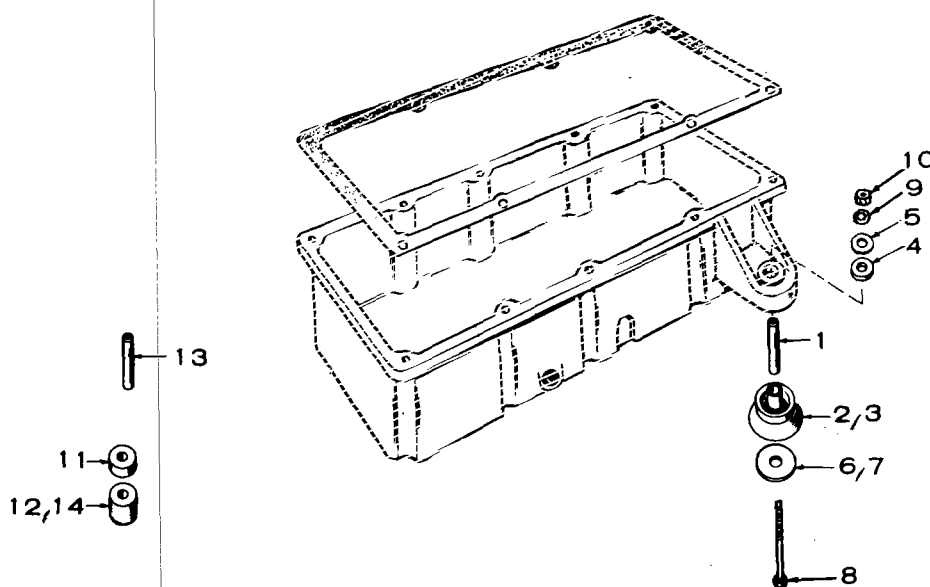
OIL SYSTEM



OIL SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	CONNECTOR, OIL LINE TO CYLINDER HEAD			25	502-0053	1	Elbow, Street (45°)
	502-0281	2	Begin Spec T (Restricted)	26	193-0006	1	Gauge, Oil Pressure
	502-0281	1	Specs P Through S (Restricted)	27	LINE, CYLINDER HEAD TO CYLINDER TEE		
	502-0097	1	Specs A Through N		120-0635	1	Specs P Through S
2	120-0695	2	Line, Oil - Cylinder Head to Tee - Begin Spec T		120-0575	1	Specs A Through N
3	502-0373	1	Tee, Oil Lines - Cylinder Heads - Begin Spec T	28	CONNECTOR, OIL LINE TO TEE		
4	120-0696	1	Line, Oil - Begin Spec T		502-0097	1	Specs P Through S
5	502-0037	1	Elbow, Oil Line - Begin Spec P		502-0030	1	Specs A Through N
6	502-0242	1	Tee, Oil Lines	29	TEE, RESTRICTED - FRONT CYLINDER HEAD		
7	502-0051	1	Coupling, Pipe - Oil Lines - Begin Spec P		502-0282	1	Specs P Through S
8	502-0082	1	Nipple, Pipe - Hex - Begin Spec P		502-0242	1	Specs A Through N
9	CONNECTOR, INVERTED MALE (RESTRICTED)			30	LINE, INJECTION PUMP TO CYLINDER HEAD		
	502-0274	1	Begin Spec P		120-0632	1	Specs P Through S
	502-0030	1	Specs A Through N		120-0583	1	Specs A Through N
10	LINE, ADAPTER TO CYLINDER HEAD TEE			31	CONNECTOR, OIL LINE TO TEE		
	120-0614	1	Begin Spec P		502-0097	1	Specs P Through S
	120-0584	1	Specs A Through N		502-0030	1	Specs A Through N
11	ELBOW, INVERTED MALE - ADAPTER			32	120-0602	1	Bracket, Intake Cup
	502-0037	1	Begin Spec P	33	120-0601	1	Cup Assembly, Oil Intake
	502-0019	1	Specs A Through P	34	120-0547	1	Pump Assembly, Oil (Components Not Sold Separately)
12	505-0274	1	Plug, Pipe - Slotted	35	850-0045	2	Washer, Lock - Spring (5/16")
13	122-0246	1	Gasket, Filter Adapter	36	800-0030	2	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
14	122-0245	1	Adapter, Oil Filter	37	120-0580	1	Gasket Kit, Oil Pump
15	850-0045	3	Washer, Lock - Spring (5/16")	38	120-0539	1	Valve, Oil By-Pass
16	800-0028	3	Screw, Cap - Hex Head (5/16-18 x 1")	39	120-0555	1	Spring, By-Pass Valve
17	309-0130	1	Thermostat, Oil Temperature	40	505-0274	1	Plug, Pipe - Oil By-Pass Valve
18	122-0242	1	Spring, Thermostat	41	102-0843	1	Cooler, Oil (NOTE: Specs A Through Q also order 501-0109 and 501-0110 Lines)
19	122-0243	1	Gasket, Thermostat Cover	42	102-0518	1	Bracket Oil Cooler Mounting
20	122-0244	1	Cover, Thermostat	43	800-0003	4	Screw, Cap - Hex Head (1/4-20 x 1/2")
21	850-0040	3	Washer, Lock - Spring (1/4")	44	853-0013	4	Washer, Lock - Spring (1/4")
22	800-0005	3	Screw, Cap - Hex Head (1/4-20 x 3/4")	45	862-0001	4	Nut, Hex (1/4-20)
23	FILTER, OIL			46	502-0277	2	Elbow, Oil Cooler Line to Adapter
	122-0185	1	Small (4-3/8")	47	501-0109	1	Line, Flexible (Short Elbow)
	122-0193	1	Heavy Duty (5-3/4")	48	501-0110	1	Line, Flexible (Long Elbow)
24	505-0057	1	Plug, Pipe - Square Head (1/8")				

MOUNTING HARDWARE

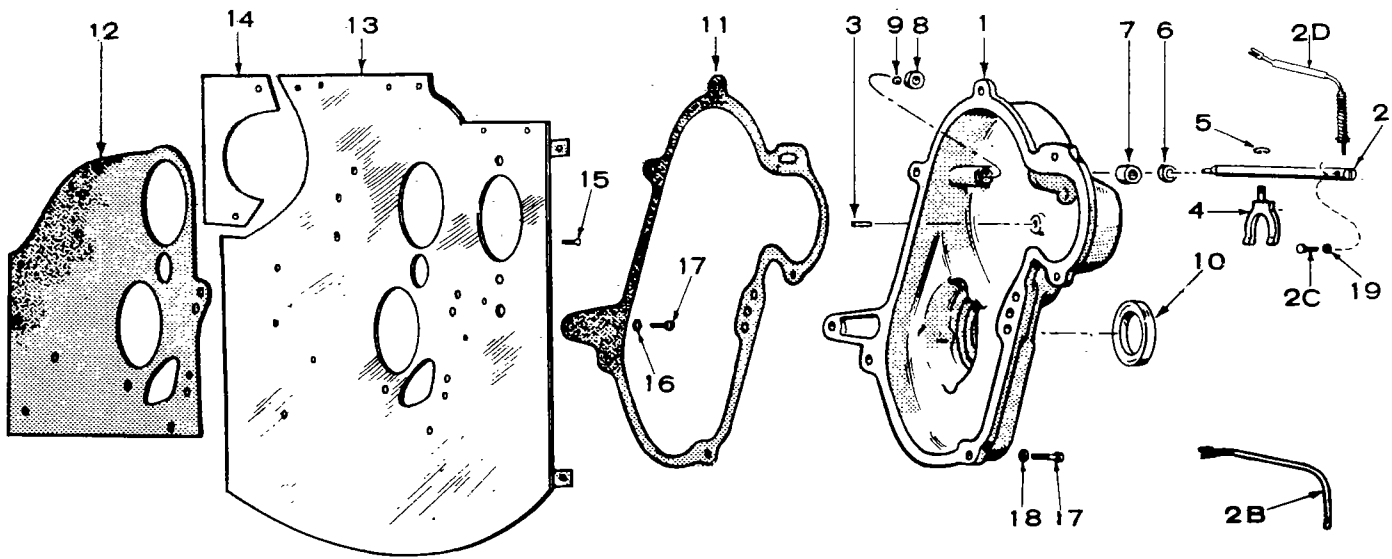


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	HARDWARE PACKAGE, MOUNTING - COMPLETE		
	402-0291	4	Standard (Includes Parts Marked *)
	402-0327	1	Housed, and Skid w/Battery Rack (Includes Parts Marked #)
1	402-0290	4	*#Bushings, Spacer
2	402-0286	2	Cushion, Vibration - Generator End
3	402-0285	2	Cushion, Vibration - Engine End
4	402-0282	4	*#Snubber, Shock Mounting
5	526-0014	4	*#Washer, Flat (29/64" ID x 1-1/2" OD x 1/8" Thk)
6	WASHER, FLAT 526-0195	4	*#29/64" ID x 3-1/4" OD x 1/8" Thk (Three used on Housed and Skid Mounting Sets)
	526-0199	1	*#29/64" ID x 3-1/4" OD x 1/8" Thk (Housed and Skid Mounted Sets Only)
7	526-0198	As Req	*#Washer, Flat (5/8" ID x 1-1/2" OD x 1/16" Thk)
8	816-0212	4	*Bolt, Carriage (7/16-14 x 5-1/2")
8	800-0082	4	#Screw, Cap - Hex Head
9	850-0055	4	*#Washer, Lock - Spring (7/16")
10	862-0004	4	*#Nut, Hex (7/16-14)
11	402-0036	4	Mount, Cylinder - Upper - Spec A Only
12	402-0038	2	Mount, Cylinder - Lower - Spec A Only
13	402-0046	4	Bushings, Spacer - Spec A Only
14	402-0251	2	Mount, Cylinder - Lower - Spec A Only

* - Parts included in Hardware Package 402-0291.

- Parts included in Hardware Package 402-0327.

GEARCASE

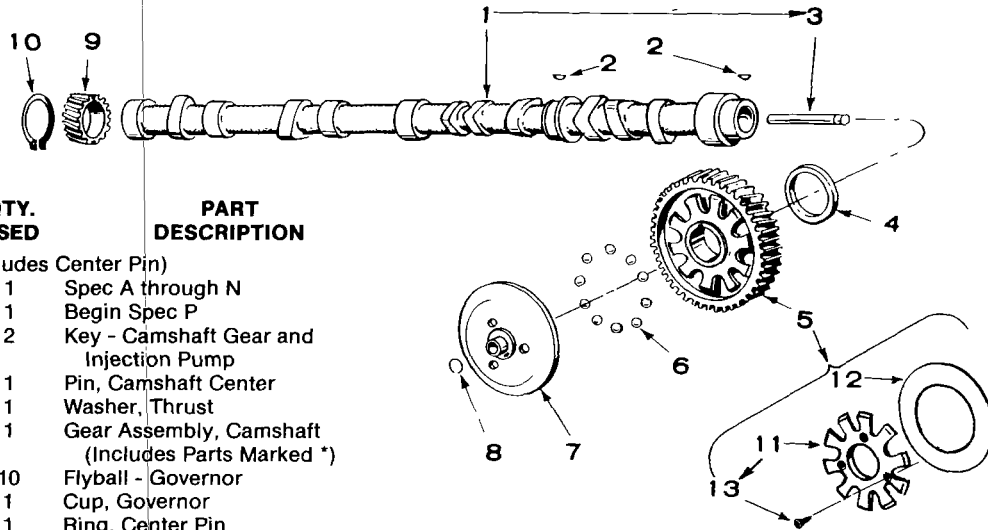


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	103-0277	1	Gearcase Assembly, Complete (Includes Parts Marked *)
2	150-0838	1	*Shaft, Governor
2B	150-0847	1	Arm, Governor - Spec A Thru Q
2C	815-0176	1	*Screw (#8-32 x 1/2")
2D	150-1095	1	Arm Assembly, Governor - Begin Spec R
3	516-0111	1	*Pin, Governor Cup Stop
4	150-0777	1	*Yoke, Governor
5	518-0129	1	*Ring, Yoke Retaining
6	509-0088	1	*Seal, Governor Shaft
7	510-0048	1	*Bearing, 1/2" Shaft
8	510-0082	1	*Bearing, 1/4" Shaft
9	510-0043	1	*Ball, Governor Shaft Thrust
10	509-0087	1	*Seal
11	103-0251	1	Gasket, Gear Cover
12	103-0218	1	Gasket, Backplate
13	103-0272	1	Backplate

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
14	134-1532	1	Baffle, Backplate (Not Used on Early Models)
15	815-0347	2	Screw, Flat Head - Gear Cover Backplate Mounting (1/4-20 x 1/2")
16	850-0045	1	Lockwasher, Gear Cover Backplate Mounting (5/16")
17	SCREW, HEX CAP 800-0026	1	Gear Cover Backplate Mounting (5/16-18 x 3/4")
	800-0028	1	Gear Cover Mounting (5/16-18 x 1")
	110-0879	4	Gear Cover mounting
18	526-0115	5	Washer, Flat - Gear Cover Mounting
19	850-0025	1	Washer, Lock (#8)

* - Included in Gear Cover Assembly.

CAMSHAFT



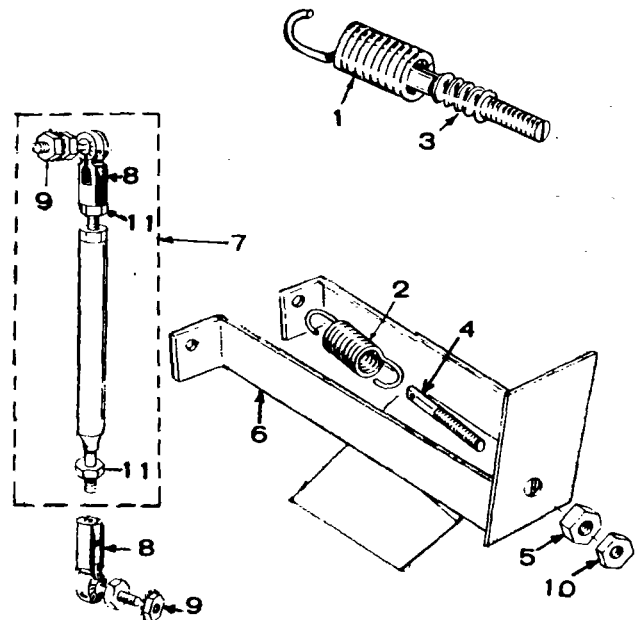
C-1029

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	CAMSHAFT (Includes Center Pin)		
	105-0240	1	Spec A through N
	105-0274	1	Begin Spec P
2	515-0001	2	Key - Camshaft Gear and Injection Pump
3	150-0075	1	Pin, Camshaft Center
4	105-0205	1	Washer, Thrust
5	105-0218	1	Gear Assembly, Camshaft (Includes Parts Marked *)
6	510-0046	10	Flyball - Governor
7	150-0775	1	Cup, Governor
8	150-0078	1	Ring, Center Pin
9	147-0142	1	Gear, Injection Pump Drive
10	518-0195	1	Ring, Injection Pump Drive Gear
11	150-1842	1	*Kit, Spacer - Governor Flyball (Includes Mounting Screws)
12	150-0773	1	*Plate, Governor Flyball
13	815-0506	3	*Screw, Spacer Mounting (Special)

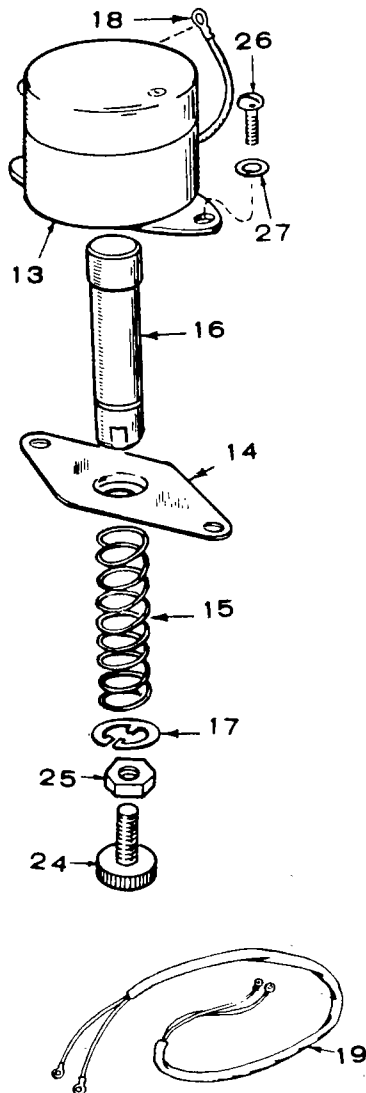
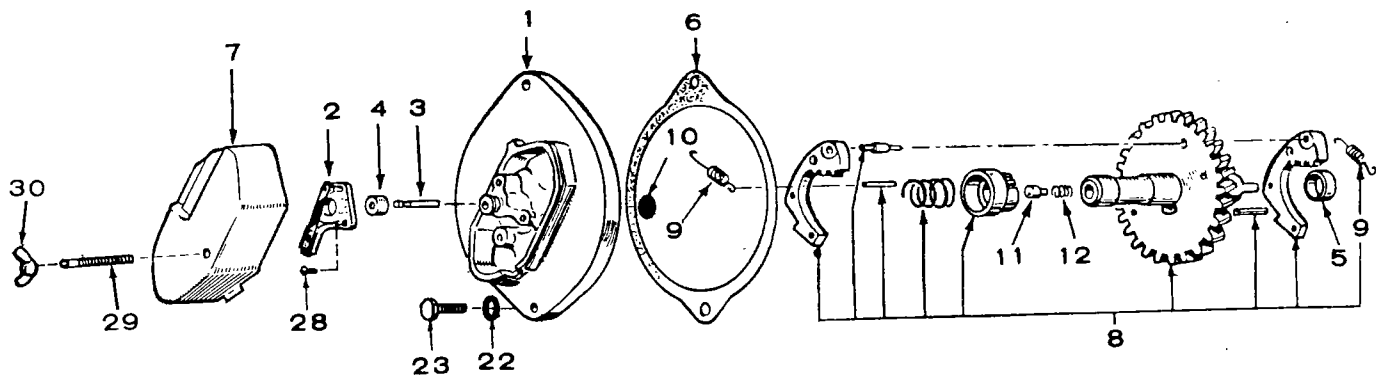
* - Parts Included in 105-0218 Camshaft Gear Assembly.

GOVERNOR

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-0846	1	Spring, Governor - Spec A through Q
2	150-1084	1	Spring, Governor - Begin Spec R
3	150-0822	1	Stud, Adjusting - Spec A through Q
4	150-1083	1	Stud, Adjusting - Begin Spec R
5	NUT, ADJUSTING		
	104-0091	1	Spec A through Q
	862-0011	1	Begin Spec R
6	BRACKET ASSEMBLY		
	150-0814	1	Spec A through Q
	150-1110	1	Begin Spec R
7	LINKAGE ASSEMBLY		
	150-0831	1	Spec A through Q
	150-1132	1	Begin Spec R
8	JOINT, BALL		
	150-0974	2	Spec A through Q
			Begin Spec R
	150-1358	1	Governor End
	150-0939	1	Injection Pump End
9	870-0131	2	Nut, Hex W/ET (10-32)
10	NUT, LOCKING		
	870-0130	1	Spec A through Q (3/8-24")
	870-0133	1	Begin Spec R (3/8-16")
11	871-0010	2	Nut, Hex (10-32)

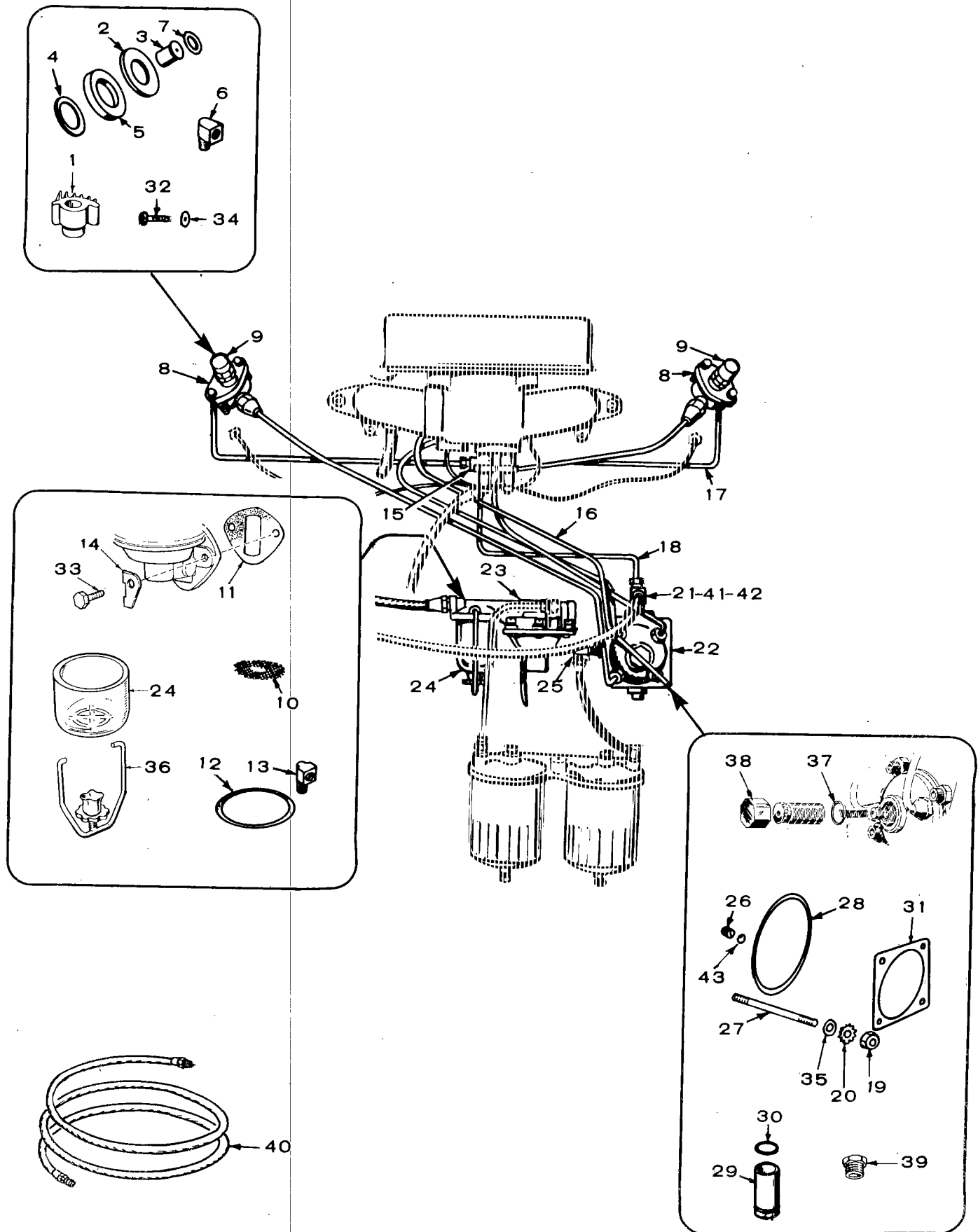


START-DISCONNECT PLATE AND STOP SOLENOID



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-0496	1	Plate
2	309-0134	1	Switch Assembly
3	309-0152	1	Plunger, Switch
4	160-0382	1	Diaphragm, Switch Plunger
5	160-0720	1	Spacer, Switch Plate
6	160-0721	1	Gasket, Plate
7	191-0392	1	Cover, Switch Plate
8	191-0388	1	Control Assembly, Switch
9	160-0711	2	Spring, Weight (Included in Switch Control Assembly)
10	160-0806	1	Disc, Thrust Plunger
11	160-0774	1	Plunger, Thrust
12	160-0773	1	Spring, Thrust Plunger
13	SOLENOID, STOPPING		
	307-0628	1	12 Volt
	307-0668	1	24 Volt (Optional)
14	306-0162	1	Retainer, Solenoid Plunger
15	306-0161	1	Spring, Solenoid Plunger
16	306-0159	1	Plunger, Solenoid
17	518-0203	1	Ring, Snap - Spring Retaining
18	336-0706	1	Lead, Ground - Solenoid
19	338-0264	1	Harness, Wiring - Switch Plate to Control
20	336-1347	1	Lead, Solenoid to Control
22	850-0050	2	Washer, Lock (3/8") - Plate Mounting
23	800-0052	2	Screw, Hex Cap - Plate Mounting (3/8-16 x 1-1/2")
24	306-0242	1	Screw (1/4-20 x 1") - Plunger Adjustment
25	862-0001	1	Nut, Hex (1/4-20)
26	812-0150	2	Screw (1/4-20 x 5/8") - Solenoid Mounting
27	850-0040	2	Washer, Lock (1/4)
28	815-0201	2	Screw (8-32 x 3/8") - Switch Assembly to Plate
29	520-0347	1	Stud, Steel - Cover Mounting (10-32 x 1-5/8")
30	865-0011	1	Nut, Wing (10-32)

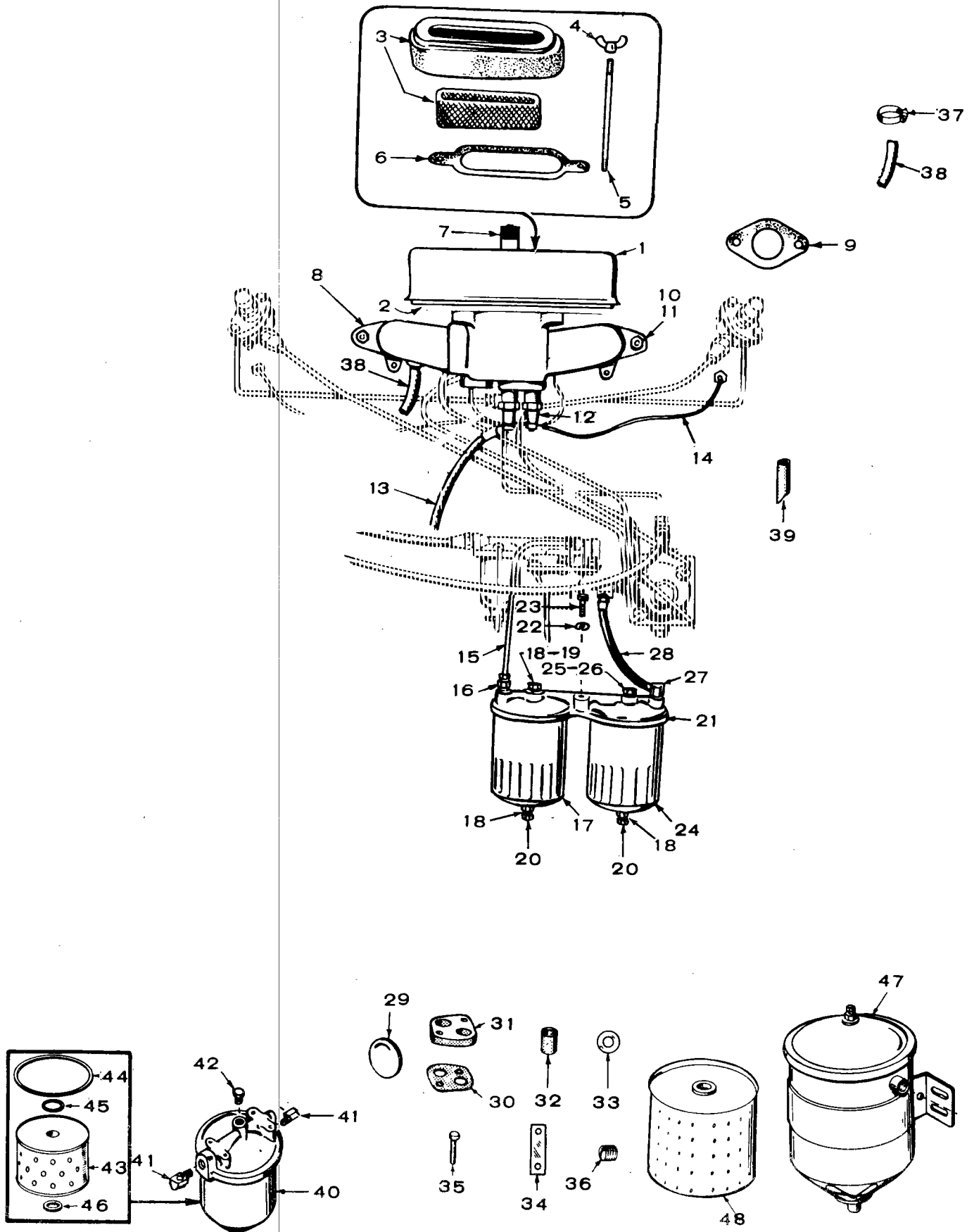
FUEL PUMP AND INJECTION SYSTEM



FUEL PUMP AND INJECTION SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-1046	1	Repair Kit, Fuel Pump (Includes Diaphragm and Gaskets) Note: Does not apply for AC pumps	22	PUMP, INJECTION - FUEL		
1	ADAPTER, INJECTION NOZZLE			147-0232	1		Begin Spec R (Includes Buttons 1,2,12,13)
	147-0132	2	Number 2 and 4 Cylinders	147-0231	1		Specs A Through Q (Includes Buttons 1,2,12,13 and Injection Lines)
	147-0133	2	Number 1 and 3 Cylinders	23	149-1704	1	Pump, Transfer - Fuel
2	147-0043	4	Gasket, Nozzle Heat Shield (Asbestos)	24	BOWL, FUEL PUMP - GLASS (Measure for Correct Length)		
3	147-0268	4	Nozzle Only (Component of Nozzle and Holder Assembly)	149-0116	1		2-3/8" Long
4	110-0419	4	Gasket, Nozzle Heat Shield to Head (Copper)	149-1168	1		1-5/8" Long
5	147-0044	4	Shield, Nozzle Heat (Steel)	25	ELBOW, INJECTION PUMP INLET		
6	ELBOW, INVERTED - FUEL RETURN LINE			502-0039	1		Begin Spec S
	502-0065	2	45° - Number 1 and 4 Cylinders	502-0054	1		Specs A Through R
	502-0002	2	90° - Numbers 2 and 3 Cylinders	26	BUTTON, INJECTION PUMP PLUNGER		
7	147-0243	4	Gasket, Nozzle	147-0147	1		.119 - Marked 1 or A
8	147-0141	4	Flange, Injection Nozzle Hold-down	147-0148	1		.116 - Marked 2 or B
9	147-0136	4	Nozzle and Holder Assembly	147-0149	1		.113 - Marked 3 or C
10	149-0463	1	Screen, Fuel Pump Filter	147-0150	1		.110 - Marked 4 or D
11	149-0792	1	Gasket, Fuel Transfer Pump Mounting	147-0151	1		.107 - Marked 5 or E
12	149-0517	1	Gasket, Fuel Pump Bowl	147-0161	1		.104 - Std. Marked 11 or No Mark
13	502-0002	2	Elbow, Fuel Pump Inlet and Outlet	147-0152	1		.101 - Marked 6 or F
14	149-1307	2	Washer, Flange - Fuel Pump Mounting	147-0153	1		.098 - Marked 7 or H
15	502-0245	1	Adapter, Return Lines	147-0154	1		.095 - Marked 8 of J
16	LINE, INJECTION PUMP TO NOZZLE			147-0155	1		.092 - Marked 9 or K
			Begin Spec R	147-0156	1		.089 - Marked 10 or L
	149-1150	1	Number 1 Cylinder	147-0190	1		.122 - Marked 12 or M
	149-1151	1	Number 2 Cylinder	147-0189	1		.125 - Marked 13 or N
	149-1152	1	Number 3 Cylinder	147-0188	1		.128 - Marked 14 or P
	149-1153	1	Number 4 Cylinder	147-0187	1		.131 - Marked 15 or R
			Specs A Through Q	147-0186	1		.134 - Marked 16 or S
	149-0963	1	Number 1 Cylinder	27	520-0129	4	Stud, Injection Pump Mounting
	149-0964	1	Number 2 Cylinder	28	509-0094	1	Seal, O-Ring - Injection Pump to Crankcase
	149-0965	1	Number 3 Cylinder	29	147-0182	1	Tappet, Injection Pump
	149-0966	1	Number 4 Cylinder	30	147-0196	1	Gasket, O-Ring - Injection Pump Tappet
17	LINE, NOZZLE FUEL RETURN			31	147-0145	1	Shim Kit, Injection Pump Mtg.
			Begin Spec P	32	800-0508	8	Screw, Cap - Hex Head (5/16-18 x 2-3/4")
	149-1060	1	Number 1 Cylinder	33	800-0027	2	Screw, Cap - Hex Head (5/16-18 x 7/8")
	149-1059	2	Number 2 and 3 Cylinders	34	526-0122	8	Washer, Flat (11/32 ID x 23/32 OD x 10 GA)
	149-1061	1	Number 4 Cylinder	35	526-0022	4	Washer, Flat (21/64 ID x 9/16 OD x 1/16 Thk)
			Specs A Through N	36	BAIL, FUEL PUMP BOWL (Measure for Correct Length)		
	149-0909	1	Number 1 Cylinder	149-1006	1		3-5/8" Long
	149-0908	2	Number 2 and 3 Cylinders	149-1169	1		2-7/8" Long
	149-0910	1	Number 4 Cylinder	37	147-0254	1	Gasket, Delivery Valve Cap
18	LINE INJECTION PUMP TO FUEL RETURN LINES TEE			38	147-0253	1	Cap, Delivery Valve
	149-1062	1	Begin Spec P	39	502-0176	1	Adapter, Pipe - Bleeder Valve to Pump (Early Models)
	149-0949	1	Specs A Through N	40	501-0007	2	Line, Fuel
19	110-0445	4	Nut, Hex	41	502-0048	1	Tee, Return Line (Early Models)
20	850-0045	6	Washer, Lock - Spring (5/16")	42	502-0029	1	Bushing, Pipe - Return Line Tee to Pump (Early Models)
21	147-0183	1	Valve, Bleeder - Injection Pump	43	147-0259	1	Ring, Retaining - Timing Button

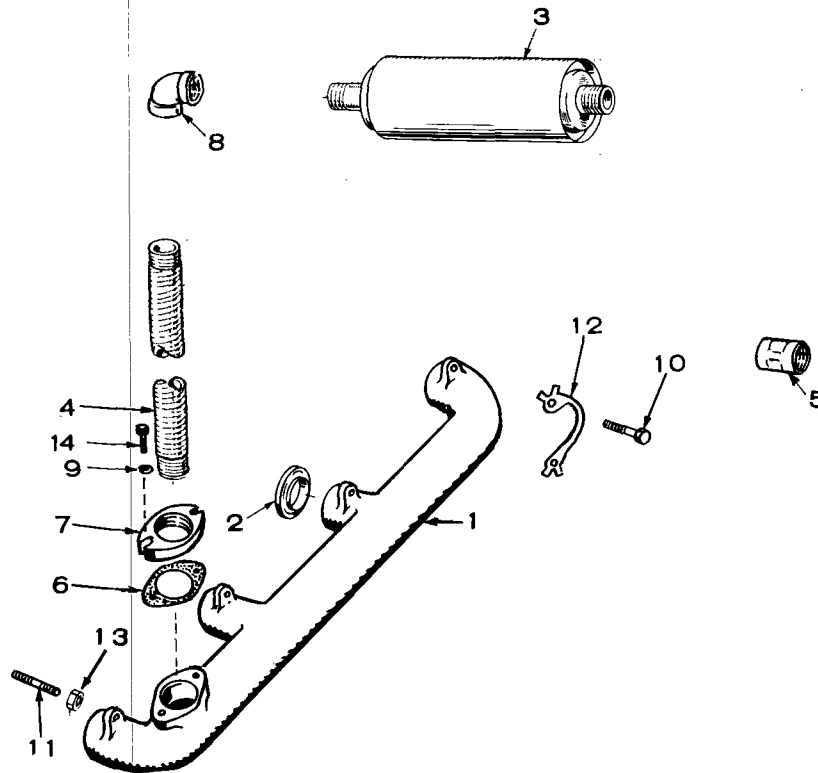
AIR CLEANER AND FUEL FILTER



AIR CLEANER AND FUEL FILTER

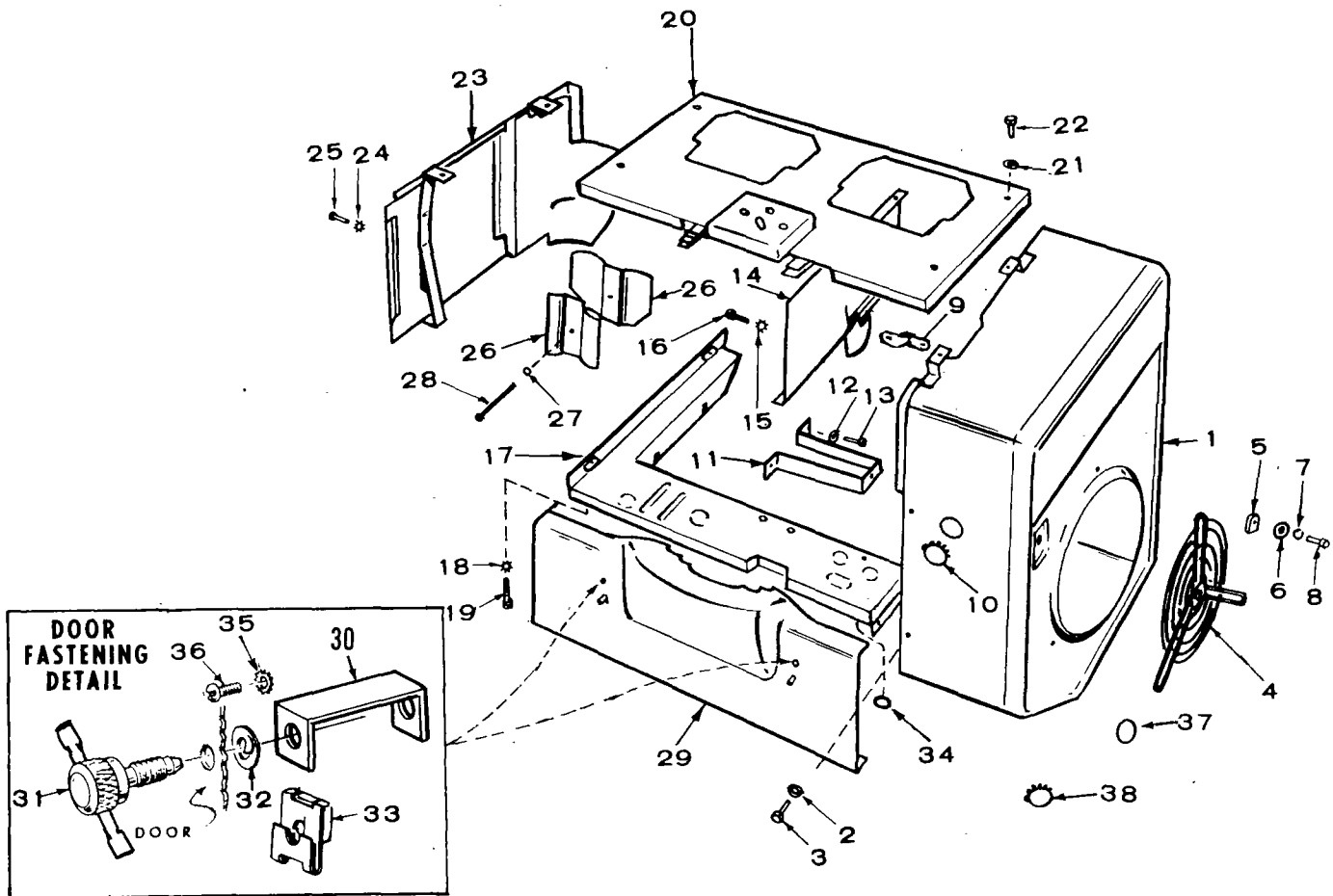
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	COVER, AIR CLEANER 140-1194	1	Begin Spec T (Sets With Restriction Indicator)	26	801-0053	1	Screw, Cap - Hex Head (3/8-24 x 2")
	140-0594	1	Specs A through S (Sets Without Restriction Indicator)	27	502-0099	1	Elbow, Reducer - Secondary Fuel Filter Outlet
2	140-0595	1	Pan, Air Cleaner				Begin Spec S
3	140-0636	1	Element, Air Cleaner (Includes Retainer)	28	LINE, FUEL - FILTER TO INJECTION PUMP		
4	865-0020	2	Nut, Wing		501-0129	1	Begin Spec S
5	520-0621	2	Stud, Air Cleaner		501-0091	1	Specs A Through R
6	140-0584	1	Gasket, Air Cleaner	29	517-0104	1	Plug, Core Hole
7	140-0961	1	Indicator, Restriction				Intake Manifold - Begin Spec R
8	154-1378	1	Manifold, Intake	30	140-0706	1	Gasket, Manifold Heater
9	154-0733	2	Gasket, Intake Manifold				Insulator
10	STUD, MANIFOLD MOUNTING			31	140-0705	1	Plate, Manifold Heater Mtg.
	520-0011	2	1-7/16" Long	32	508-0103	2	Sleeve, Insulator - Manifold Heater
	520-0338	2	2-7/8" Long	33	508-0102	2	Washer, Insulator - Manifold Heater
11	870-0137	4	Nut, Hex - Locking (5/16-24)	34	332-0829	1	Strap, Jumper - Manifold Heater
12	154-0712	2	Heater, Manifold - 12 Volt (Includes Gasket)	35	114-0023	2	Screw, Cap - Hex Head (1/4-20 x 1-1/4")
13	336-1331	1	Lead, Air Heater to Solenoid in Control				Manifold Heater Mounting
14	LEAD, GLOW PLUG TO AIR HEATER			36	505-0180	1	Plug, Intake Manifold (1/4" Countersunk)
			Blade Type Terminal (Used on Late Models)	37	503-0171	1	Clamp, Breather Hose
	336-1504	2	Number 1 and 4 Cylinders				Specs A Through R
	336-1505	2	Number 2 and 3 Cylinders	38	503-0328	1	Hose, Breather
			Round Type Terminal (Used on Early Models)				Specs A Through R
	336-1314	1	Number 1 Cylinder	39	123-0732	1	Tube, Nylon - Breather
	336-1313	2	Number 2 and 3 Cylinder				Hose to Manifold
	334-0030	1	Number 4 Cylinder				Specs A Through R
15	LINE, FUEL PUMP TO FILTER			40	149-0408	1	Filter, Fuel - Secondary (Includes Cartridge) - Specs A Through R
	149-1189	1	Begin Spec S	41	502-0041	2	Elbow, Inverted Male
	149-0806	1	Specs A through R				Specs A Through R
16	502-0003	1	Connector, Primary Fuel Filter Inlet - Begin Spec S	42	149-0769	1	Plug, Bleed - Secondary Filter - Specs A Through R
17	122-0325	1	Filter, Fuel - Primary	43	149-0428	1	Cartridge, Secondary Filter
			Includes 1-526-0068				Specs A Through R
			Begin Spec S	44	149-0456	1	Gasket, Secondary Filter
18	526-0068	3	Washer, Flat (29/64" ID x 3/4" OD x 1/16" Thk) - Begin Spec S				Bowl to Cover - Specs A Through R
19	801-0074	1	Screw, Cap - Hex Head (7/16-20 x 1-3/4") - Begin Spec S	45	149-0455	1	Gasket, Secondary Filter
20	502-0080	2	Plug, Drain - Fuel Filter				Cartridge to Head - Specs A Through R
			Begin Spec S	46	149-0493	1	Gasket, Secondary Filter
21	149-1185	1	Adapter, Fuel Filters - Begin Spec S				Cartridge to Retainer
22	850-0045	3	Washer, Lock - Spring (5/16") - Begin Spec S	47	149-1078	1	Filter, Fuel - Mounted
23	800-0026	3	Screw, Cap - Hex Head (5/16-18 x 3/4") - Begin Spec S				Between Fuel Tank and Transfer Pump
24	122-0326	1	Filter, Fuel - Secondary - Includes 526-0068 - Begin Spec S	48	149-0846	1	Specs A Through R
25	526-0066	1	Washer, Flat (25/64" ID x 9/16" OD x 1/16" Thk) - Begin Spec S				Cartridge (For 149-1078 Filter) - Specs A Through R

EXHAUST SYSTEM



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	154-0714	1	Manifold, Exhaust
2	154-0463	4	Gasket, Exhaust Manifold Mounting
3	155-0456	1	Muffler, Exhaust
4	TUBE, EXHAUST		
	155-0493	1	36" Long (Unhoused)
	155-0841	1	9-3/4" Long (Housed)
5	505-0032	1	Coupling, Pipe
6	154-0738	1	Gasket, Exhaust Outlet Flange
7	155-0782	1	Flange, Exhaust Outlet
8	505-0043	1	Elbow, Pipe (Housed Use 2)
9	526-0174	2	Washer, Flat (.046" ID x .781 OD x .1345 Thk)
10	114-0022	8	Screw, Cap - Hex Head (Special) Begin Spec P
11	520-0608	8	Stud (5/16 x 2-1/4") - Spec A through N
12	154-1665	4	Tab, Lock - Begin Spec AA
13	110-0445	8	Nut, Hex - Manifold Mounting - Spec A through N
14	800-0052	2	Screw, Cap - Hex Head (3/8-16 x 1-1/2")

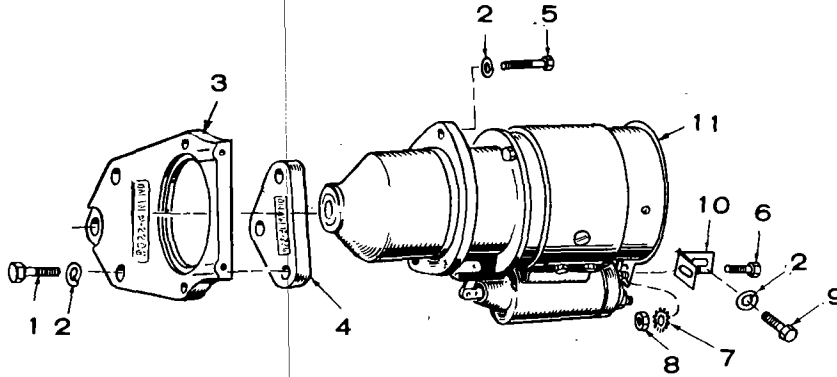
AIR HOUSING



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	134-1447	1	Housing, Blower
2	854-0014	6	Washer, Lock - IT (1/4")
3	815-0235	6	Screw, Cap - Hex Head (1/4-20 x 5/8")
4	134-1178	1	Grille and Plate
5	134-1092	3	Retainer, Grille
6	526-0115	3	Washer, Flat (.200" ID x 3/8" OD x 1/32" Thk)
7	850-0040	3	Washer, Lock - Spring (1/4")
8	800-0007	3	Screw, Cap - Hex Head (1/4-20 x 1")
9	BRACKET, BLOWER HOUSING AND CYLINDER AIR HOUSING COVER		
	134-1703	1	Front
	134-1704	1	Back
10	517-0035	1	Plug, Dot Button - Begin Spec R
11	134-1088	1	Support, Blower Housing and Grille
12	850-0045	2	Washer, Lock - Spring (5/16")
13	800-0024	2	Screw, Cap - Hex Head (5/16-18 x 1/2")
14	134-1449	1	Housing, Cylinder Air - Front
15	850-0040	4	Washer, Lock - Spring (1/4")
16	815-0235	4	Screw, Cap - Hex Head (1/4-20 x 5/8")
17	PAN, CYLINDER AIR HOUSING (BOTTOM)		
	134-1418	1	Begin Spec T
	134-1418	1	Specs A through R
18	854-0014	2	Washer, Lock - IT (1/4")

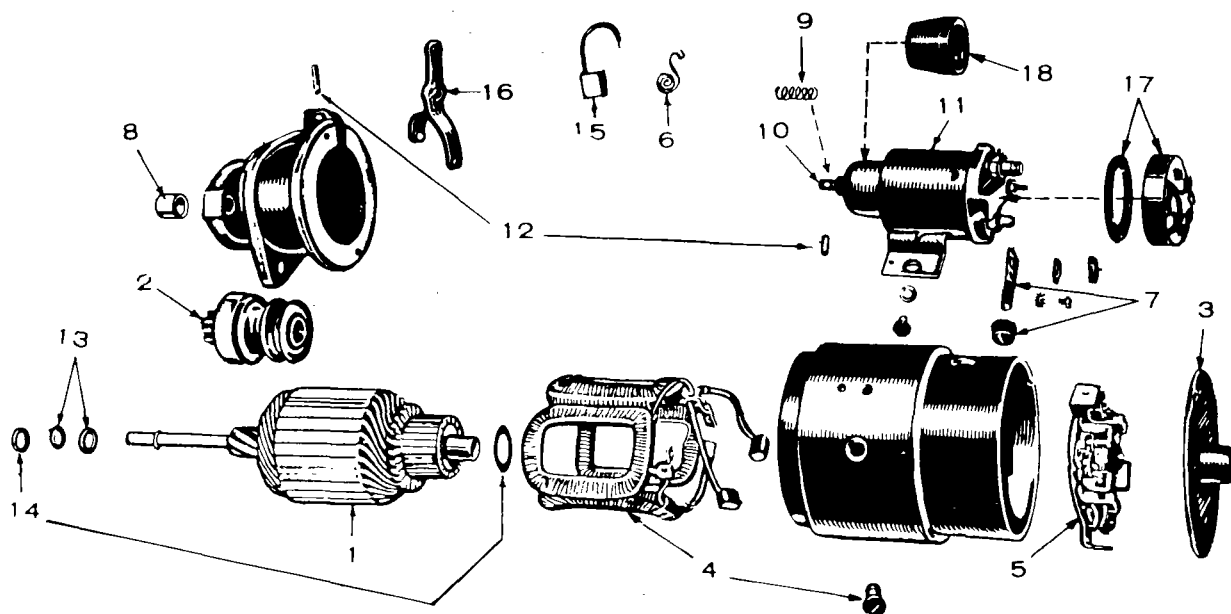
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
19	815-0235	2	Screw, Cap - Hex Head (1/4-20 x 5/8")
20	134-1200	1	Cover, Cylinder Air Housing
21	526-0021	4	Washer, Flat (17/64" ID x 3/4" OD x 1/16" Thk)
22	800-0004	4	Screw, Cap - Hex Head (1/4-20 x 5/8")
23	134-1051	1	Housing, Cylinder Air - Rear
24	854-0010	2	Washer, Lock - IT (#10)
25	813-0097	2	Screw, Machine - Round Head (#10-32 x 5/16")
26	BAFFLE CENTER CYLINDER		
	134-1097	1	Injection Pump Side
	134-1098	1	Opposite Side of Injection Pump
27	854-0014	1	Washer, Lock - IT (1/4")
28	812-0165	1	Screw, Machine - Round Head (1/4-20 x 4-1/2")
29	134-1202	1	Panel, Door - Air Housing
30	134-1089	2	Bracket, Air Housing Door
31	134-1373	2	Screw, Door Panel (Special)
32	134-1180	4	Washer, Retainer - Door Panel (Also 8 used on top cover on some early models)
33	870-0194	6	Nut, Clinch (1/4-20) Door Panel and Cover
34	508-0005	2	Grommet, Rubber (9/16")
35	853-0008	4	Washer, Lock - ET (#8)
36	813-0098	4	Screw, Machine - Round Head (#10-32 x 3/8")
37	508-0117	1	Grommet, Rubber
38	517-0108	2	Plug, Dot Button

STARTER (PRESTOLITE)



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	800-0053	1	SCREW, CAP - HEX HEAD 3/8-16 x 1-3/4"
	800-0054	2	3/8-16 x 2"
2	850-0050	7	Washer, Lock - Spring (3/8")
3	191-0512	1	Flange, Mounting
4	191-0311	1	Spacer, Flange
5	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
6	800-0046	1	Screw, Cap - Hex Head (3/8-16 x 1/2")
7	856-0010	1	Washer, Lock - EIT (3/8")
8	864-0003	1	Nut, Hex (3/8-16)
9	800-0052	2	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
10	191-0365	1	Bracket, Support
11	STARTER (See Separate Page for Components)		Spec A Through AC 12 Volt DC Sets 24 and 32 Volt DC Sets Begin Spec AD - 24 and 32 Volt DC Sets
	191-0324	1	12 Volt DC Sets
	191-0443	1	24 and 32 Volt DC Sets
	191-0443	1	Begin Spec AD - 24 and 32 Volt DC Sets

STARTER PARTS (PRESTOLITE)

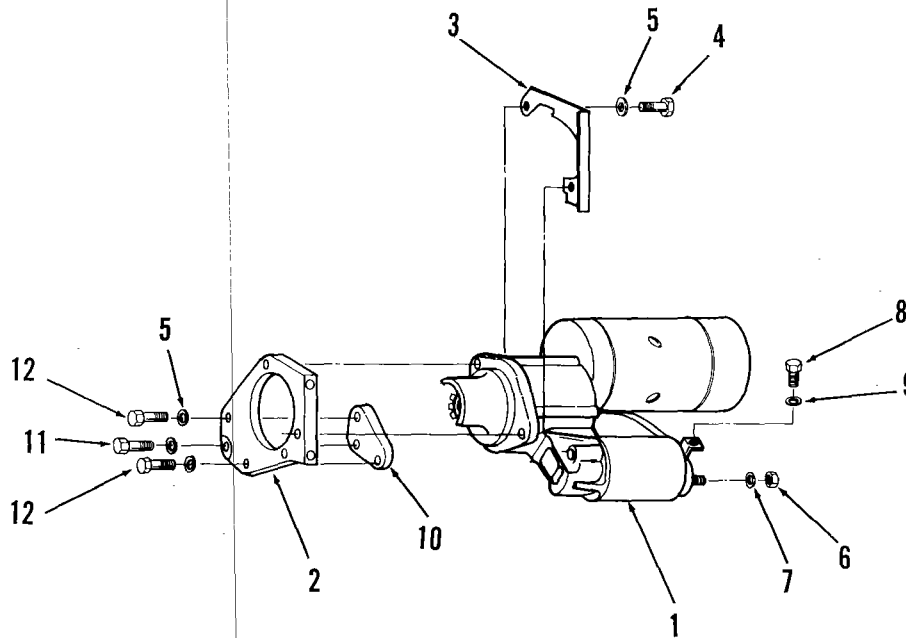


ES-1098

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	STARTER		
	191-0324	1	12 Volt DC Sets
	191-0443	1	24 and 32 Volt DC Sets
1	ARMATURE		
	191-0712	1	12 Volt DC Sets
	191-0713	1	24 and 32 Volt DC Sets
2	191-0432	1	Clutch
3	191-1023	1	Head Assembly, Commutator End
4	COIL PACKAGE, FIELD		
	191-1024	1	12 Volt DC Sets
	191-1043	1	24 and 32 Volt DC Sets
5	PLATE ASSEMBLY, BRUSH		
	191-1025	1	12 Volt DC Sets
	191-1042	1	24 and 32 Volt DC Sets
6	191-1020	1	Spring Set, Brush (Set of 4)
7	191-1263	1	Connector Package
8	191-0497	1	Bearing (Bronze), Drive End

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
9	191-1027	1	Spring, Plunger
10	191-1028	1	Core Assembly, Moving
11	SWITCH, SOLENOID		
	191-0433	1	12 Volt DC Sets
	191-0715	1	24 and 32 Volt DC Sets
12	191-1029	1	Parts Package, Yoke
13	191-1030	1	Stop and Lock Ring Package, Pinion
14	191-1031	1	Thrust Washer Package, Armature (Use as Required)
15	BRUSH SET, SERVICE		
	191-0434	1	12 Volt DC Sets
	191-0714	1	24 and 32 Volt DC Sets
16	191-1032	1	Yoke
17	191-0468	1	Cover, Solenoid
18	191-1134	1	Boot, Rubber - Part of Moving Core Assembly

STARTER (MITSUBISHI)

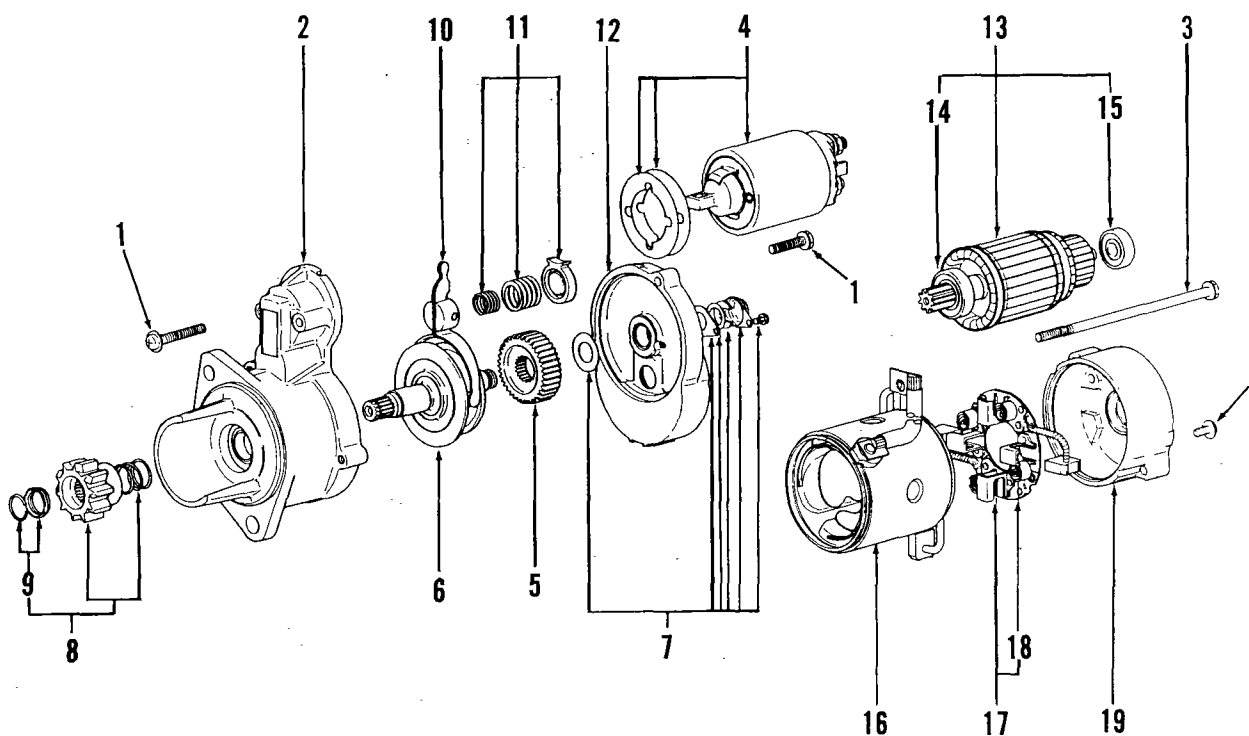


XES-1359

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-1399	1	Starter - Begin Spec AD - 12 Volt DC Sets (See Separate Page for Components) (Includes Parts Marked *)
2	191-1400	1	Flange, Starter Mounting
3	134-4154	1	Baffle, Starter
4	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
5	850-0050	5	Washer, Lock - Spring (3/8")
6	860-2008	1	*Nut, Hex (M8) B+ Terminal
7	850-2008	1	*Washer, Lock - Spring (M8) B+ Terminal
8	800-2000	1	*Screw, Cap - Hex Head (M5 x 8MM) Solenoid Terminal
9	850-2005	1	*Washer, Lock - Spring (M5) Solenoid Terminal
10	191-0311	1	Spacer, Flange
11	800-0053	1	Screw, Cap - Hex Head (3/8-16 x 1-3/4")
12	800-0054	2	Screw, Cap - Hex Head (3/8-16 x 2")

* - Parts Included With 191-1399 Starter

STARTER PARTS (MITSUBISHI)



XES-1361

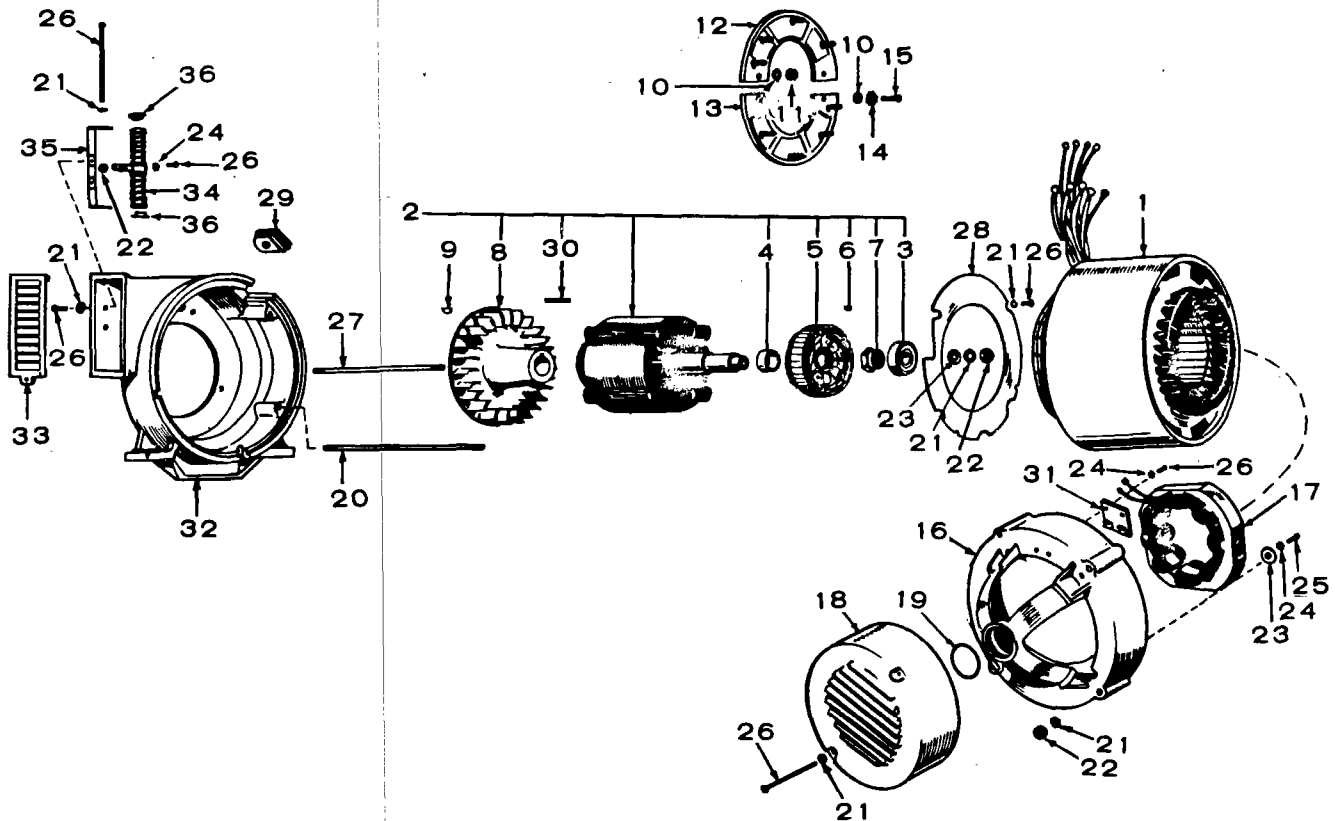
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-1399	1	Starter (12 Volt DC Sets)
1	191-1450	1	Screw Set
2	191-1479	1	Bracket, Front - Includes Bearing
3	191-1431	1	Bolt Set
4	191-1486	1	Switch
5	191-1446	1	Gear
6	191-1482	1	Clutch
7	191-1444	1	Cover Set
8	191-1483	1	Pinion Set (Includes Parts Marked *)
9	191-1442	1	*Stopper Set
10	191-1484	1	Lever
11	191-1440	1	Spring Set
12	191-1439	1	Bracket, Center
13	191-1438	1	Armature Assembly (Includes Parts Marked #)
14	191-1437	1	#Bearing, Center
15	191-1436	1	#Bearing, Rear
16	191-1485	1	Yoke - Includes Pole Shoes, Field Coil and Positive Brushes
17	191-1434	1	Holder Assembly, Brush (Includes Negative Brushes and Parts Marked ‡)
18	191-1433	4	‡Spring, Brush
19	191-1432	1	Bracket, Rear

* - Parts Included in 191-1483 Pinion Set

- Parts Included in 191-1438 Armature Assembly

‡ - Parts Included in 191-1434 Brush Holder Assembly

GENERATOR - BEGIN SPEC AA



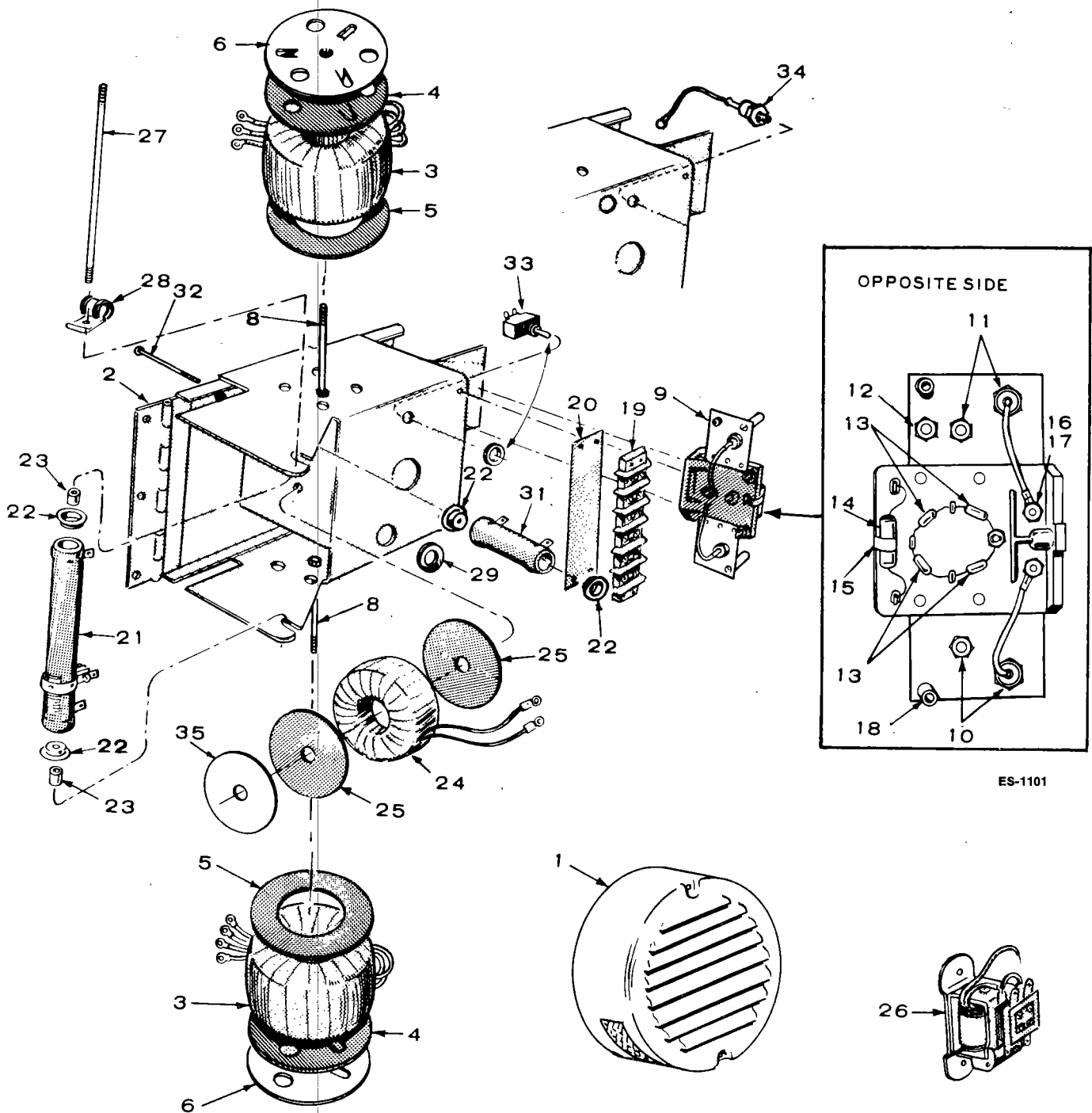
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	STATOR, WOUND			18	COVER, END BELL		
	220-2025	1	1 Phase, 50 Hertz (AC) - 12 Volt (DC)		234-0185	1	Unhoused Sets
	220-2207	1	1 Phase, 50 Hertz (AC) - 24 Volt (DC)		234-0223	1	Housed Sets
	220-2232	1	1 Phase, 50 Hertz (AC) - 32 Volt (DC)		234-0498	1	Housed and Unhoused Sets with Overspeed Switch
	220-2017	1	1 Phase, 60 Hertz (AC) - 12 Volt (DC)	19	509-0094	1	Seal, Bearing ("O" Ring)
	220-2199	1	1 Phase, 60 Hertz (AC) - 24 Volt (DC)				
	220-2224	1	1 Phase, 60 Hertz (AC) - 32 Volt (DC)	20	520-0797	4	Stud, Generator Through
	220-2050	1	3 Phase, 50 Hertz (AC) - 12 Volt (DC)	21	WASHER, LOCK		
	220-2157	1	3 Phase, 50 Hertz (AC) - 24 Volt (DC)		850-0050	4	Generator Through Stud (3/8")
	220-2182	1	3 Phase, 50 Hertz (AC) - 32 Volt (DC)		850-0040	2	End Bell Cover Mounting (1/4")
	220-2042	1	3 Phase, 60 Hertz (AC) - 12 Volt (DC)		850-0040	2	Resistor Bracket Mounting (1/4")
	220-2149	1	3 Phase, 60 Hertz (AC) - 24 Volt (DC)		850-0055	1	Rotor Through Stud (7/16")
	220-2174	1	3 Phase, 60 Hertz (AC) - 32 Volt (DC)		850-0040	1	Resistor Through Screw (1/4")
2	201-2157	1	Rotor Assembly, Wound - Includes parts marked +		850-0030	4	Air Baffle Mounting (#10)
3	510-0112	1	+Bearing, Rotor	22	NUT, HEX		
4	232-2398	1	+Spacer, Bearing		862-0011	4	Generator Through Stud (3/8-16)
5	201-2151	1	+Rotor, Wound - Exciter		870-0203	1	Rotor Through Stud (7/16-20)
6	515-0094	1	+Key, Exciter Rotor		871-0010	1	Resistor Tap (#10-32)
7	870-0284	1	+Nut, Exciter Rotor Locking	23	WASHER, FLAT - WASHER, STUD		
8	205-0105	1	+Fan, Generator		526-0260	2	Exciter Stator Mounting
9	515-0006	1	Key, Fan		232-0200	1	Rotor Through Stud
10	526-0008	12	+Washer, Flat	24	WASHER, SHAKEPROOF		
11	870-0131	8	+Nut, Hex (#10-32)		853-0013	2	Exciter Stator Mounting (1/4")
12	358-0069	1	+Rectifier Assembly (Positive)		853-0008	2	End Bell Cover Mounting (#10)
13	358-0070	1	+Rectifier Assembly (Negative)		856-0003	1	Resistor Tap (#10)
14	853-0008	4	+Washer, Shakeproof (#10)				
15	813-0100	4	+Screw, Round Head (#10-32 x 1/2")				
16	211-0237	1	Bell, End				
17	220-2009	1	Stator, Wound - Exciter				

GENERATOR — BEGIN SPEC AA

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
25	800-0004	2	Screw, Hex Cap - Exciter Stator Mounting (1/4-20 x 5/8")	28	234-0532	1	Baffle, Air
26	SCREW			29	GROMMET, RUBBER		
	812-0165	2	End Bell Cover Mounting (1/4-20 x 4-1/2")		508-0112	1	2-3/4" x 1-7/8" (Lead Outlet)
	813-0100	2	End Bell Cover Mounting (#10-32 x 1/2")		508-0095	1	25/32 x 21/32"
	812-0167	2	End Bell W/Overspeed Cut Off Switch (1/4-20 x 6")	30	515-9103	1	*Key, Fan
	813-0098	4	Air Baffle Mounting (#10-32 x 3/8)	31	232-2418	1	Board, Connection
	812-0150	2	Resistor Bracket Mounting (1/4-20 x 5/8)	32	231-0161	1	Adapter, Generator
	812-0169	1	Resistor Through (1/4-20 x 5-1/2")	33	234-0493	1	Cover, Air Outlet
	811-0098	1	Resistor Tap (#10-32 x 3/8")	34	RESISTOR, TAPPED (Adjustable)		
27	520-0789	1	Stud, Rotor Through		304-0500	1	12 and 24 Volt DC
					304-0534	1	32 Volt DC
				35	232-2399	1	Bracket, Resistor Mounting
				36	304-0006	2	Washer, Centering - Resistor Mounting

* - Included in the Rotor Assembly.

GENERATOR EXCITER - SPEC A THRU Z



NOTE: 06SX1N1B used on all 60 hertz sets Spec A through N.
 06SX1N1B used on 60 hertz 120/240 volt, 277/480 volt, and 600 volt 3 phase sets Spec P through Z.
 06SX1N3B used on all 60 hertz sets except 120/240 volt, 277/480 volt, and 600 volt 3 phase sets Spec P through Z.
 06SX51N1B used on all 50 hertz sets Spec A through N.
 06SX51N1B used on 50 hertz sets 120/240 volt, 277/480 volt, and 600 volt 3 phase sets Spec P through Z.
 06SX51N3B used on all 50 hertz sets except 120/240 volt, 277/480 volt, and 600 volt 3 phase sets Spec P through Z.
 Check set nameplate for Magnecciter number and use correct column.

GENERATOR EXCITER - SPEC A THRU Z

REF NO.	PART NUMBER	PART DESCRIPTION	QUANTITY USED									
			A	B	C	D	E	F	G	H	J	K
		02SX1N1A Use Column A	X									
		04SX1N1A Use Column B		X								
		04SX1N1B Use Column C			X							
		04SX1N3B Use Column D				X						
		06SX1N1A Use Column E					X					
		06SX1N1B Use Column F						X				
		06SX1N3B Use Column G							X			
		06SX51N1A Use Column H								X		
		06SX51N1B Use Column J									X	
		06SX51N3B Use Column K										X
	209-0001	Exciter, Complete (Less Cover)	1									
	209-0002	Exciter, Complete (Less Cover)		1								
	209-0003	Exciter, Complete (Less Cover)			1							
	209-0005	Exciter, Complete (Less Cover)				1						
	209-0007	Exciter, Complete (Less Cover)					1					
	209-0008	Exciter, Complete (Less Cover)						1				
	209-0010	Exciter, Complete (Less Cover)							1			
	209-0011	Exciter, Complete (Less Cover)								1		
	209-0012	Exciter, Complete (Less Cover)									1	
	209-0013	Exciter, Complete (Less Cover)										1
1	234-0185	• Cover, Exciter			1	1		1	1		1	1
2	234-0153	Panel Only, Exciter	1	1			1			1		
2	234-0188	Panel Only, Exciter			1	1		1	1		1	1
3	315-0084	Reactor, Gate	2									
3	315-0099	Reactor, Gate		2	2	2						
3	315-0102	Reactor, Gate					2	2	2			
3	315-0104	Reactor, Gate								2	2	2
4	232-1553	Gasket, Gate Reactor Mounting - Outer	2	2	2	2		2	2		2	2
5	232-1551	Gasket, Gate Reactor Mounting - Inner	2	2	2	2	2	2	2	2	2	2
6	232-1552	Retainer, Gate Reactor	2	2	2	2		2	2		2	2
6	234-0191	Retainer, Gate Reactor					2			2		
8	800-0013	Screw, Cap - Hex Head (1/4-20 x 2-1/2")			2	2						
8	800-0015	Screw, Cap - Hex Head (1/4-20 x 3")						2	2		2	2
9	305-0259	Rectifier Assembly (Includes Parts Marked †)	1	1	1							
9	305-0387	Rectifier Assembly (Includes Parts Marked Δ)				1						
9	305-0264	Rectifier Assembly (Includes Parts Marked *)					1	1		1	1	
9	305-0388	Rectifier Assembly (Includes Parts Marked £)							1			1
10	305-0238	†Δ*£ Rectifier Only, Power Field (Negative)	2	2	2	2	2	2	2	2	2	2
11	305-0239	†Δ*£ Rectifier Only, Power Field (Positive)	2	2	2	2	2	2	2	2	2	2
12	305-0239	Δ£ Rectifier Only, Field Flash				1			1			1
13	305-0240	†Δ*£ Rectifier, Voltage Control	4	4	4	4	4	4	4	4	4	4

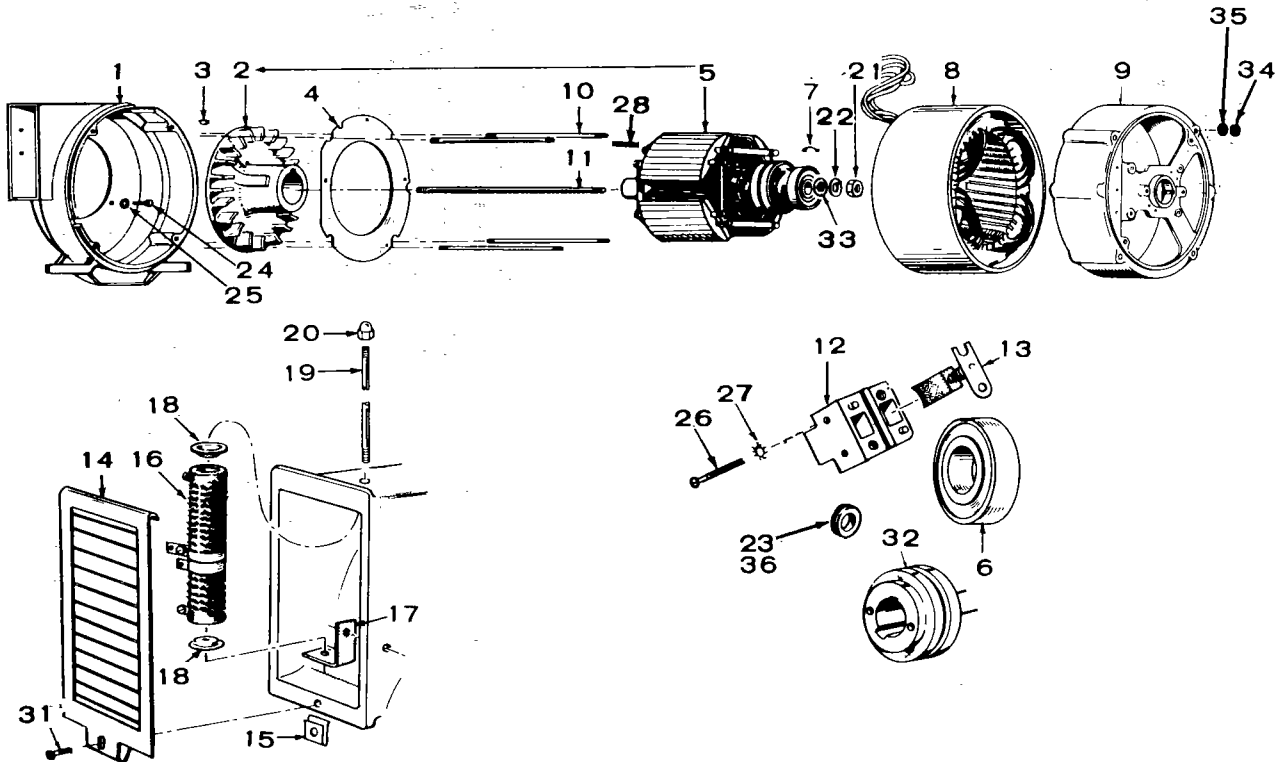
GENERATOR EXCITER - SPEC A THRU Z

REF NO.	PART NUMBER	PART DESCRIPTION	QUANTITY USED									
			A	B	C	D	E	F	G	H	J	K
14	304-0476	†ΔResistor (500-Ohm, 5 Watt)	1	1	1	1						
14	304-0512	*£Resistor (150-Ohm, 50 Watt)					1	1	1	1	1	1
15	304-0498	†Δ*£Clip, Resistor Mounting	1	1	1	1	1	1	1	1	1	1
16	332-0697	†Δ*£Stud, Terminal (Flat Head)	2	2	2	2	2	2	2	2	2	2
17	332-0698	†Δ*£Stud, Terminal (Extended Slotted Head)	1	1	1	1	1	1	1	1	1	1
18	870-0196	†Δ*£Fastener (Compression Type)	2	2	2	2	2	2	2	2	2	2
19	332-0699	Block, Terminal	1	1			1			1		
19	332-0745	Block, Terminal			1	1		1	1		1	1
20	332-0700	Strip, Block Marker	1									
20	332-0738	Strip, Block Marker		1			1			1		
20	332-0746	Strip, Block Marker			1			1			1	
20	332-0925	Strip, Block Marker				1			1			1
21	304-0489	Resistor, Fixed (200-Ohm, 50 Watt)	1									
21	304-0511	Resistor, Tapped - 500-Ohm (425 Fixed, 75 Adj.)		1			1			1		
21	304-0527	Resistor, Tapped - 500-Ohm (425 Fixed, 75 Adj.)			1	1		1	1		1	1
22	304-0015	Washer, Centering - Resistor	2	4	4	4	4	4	4	4	4	4
23	232-1473	Spacer, Resistor Mounting	2									
23	232-1474	Spacer, Resistor Mounting			2	2		2	2		2	2
24	315-0085	Reactor, Voltage Control	1									
24	315-0100	Reactor, Voltage Control		1	1	1	1	1	1			
24	315-0105	Reactor, Voltage Control								1	1	1
25	232-1548	Gasket, Voltage Control Reactor	2	2	2	2	2	2	2	2	2	2
26	307-0584	Relay, Field Build-Up	1									
27	520-0641	Stud, Tapped Resistor Mounting	1		1	1		1	1		1	1
27	812-0116	Screw, Tapped Resistor Mounting (RHMS #10-24 x 4-1/2")		1			1			1		
28	332-0050	Clip, Loop	1	1			1			1		
28	332-0052	Clip, Loop			1	1		1	1		1	1
29	508-0008	Grommet, Rubber (For 7/8" Hole)	1	1	1	1	1	1	1	1	1	1
31	304-0510	Resistor, Fixed (250-Ohm, 25 Watt)		1	1	1	1	1	1	1	1	1
32	813-0112	Screw, Fixed Resistor Mounting (RHMS #10-32 x 2-1/2")		1	1	1	1	1	1	1	1	1
33	308-0175	Switch, Residual Reset			1			1			1	
34	305-0238	Rectifier, Power Field - Negative				1			1			1
35	526-0173	Washer, Retainer - Voltage Control Reactor	1	1	1	1	1	1	1	1	1	1
ASSOCIATED HARDWARE (NOT ILLUSTRATED)												
		SCREW, MACHINE - ROUND HEAD										
	812-0156	1/4-20 x 1-1/2"							As Required			
	813-0101	#10-32 x 9/16"							As Required			
	811-0098	#10-32 x 3/8" (Brass)							As Required			
	813-0098	#10-32 x 3/8"							As Required			
	815-0190	#8-32 x 3/8"							As Required			
	815-0198	#8-32 x 5/8"							As Required			
	815-0001	Screw, Machine - Binder Head (Brass) (#6-32 x 1/4")							As Required			

GENERATOR EXCITER - SPEC A THRU Z

REF NO.	PART NUMBER	PART DESCRIPTION	QUANTITY USED										
			A	B	C	D	E	F	G	H	J	K	
		WASHER, FLAT											
	526-0003	11/64" ID x 3/8" OD x 1/32" Thk					As Required						
	526-0048	.172" ID x 3/8" OD x 1/32" Thk					As Required						
	526-0049	.200" ID x 7/16" OD x 1/32" Thk					As Required						
	526-0179	7/32" ID x 5/8" OD x 1/16" Thk					As Required						
		WASHER, LOCK - SPRING											
	850-0030	#10					As Required						
	850-0040	1/4"					As Required						
	853-0005	Washer, Lock - ET					As Required						
		WASHER, LOCK - IT											
	854-0007	#8					As Required						
	854-0010	#10					As Required						
	854-0014	1/4"					As Required						
		NUT, HEX											
	860-0008	#8-32					As Required						
	860-0011	#10-24					As Required						
	862-0001	1/4-20					As Required						
	870-0053	#10-32					As Required						
	871-0005	#6-32 (Brass)					As Required						
	871-0007	#8-32 (Brass)					As Required						
	871-0010	#10-32 (Brass)					As Required						
		● - Use 234-0223 cover for housed sets.											
		† - Parts included in 305-0259 Rectifier Assembly.											
		Δ - Parts included in 305-0387 Rectifier Assembly.											
		* - Parts included in 305-0264 Rectifier Assembly.											
		£ - Parts included in 305-0388 Rectifier Assembly.											

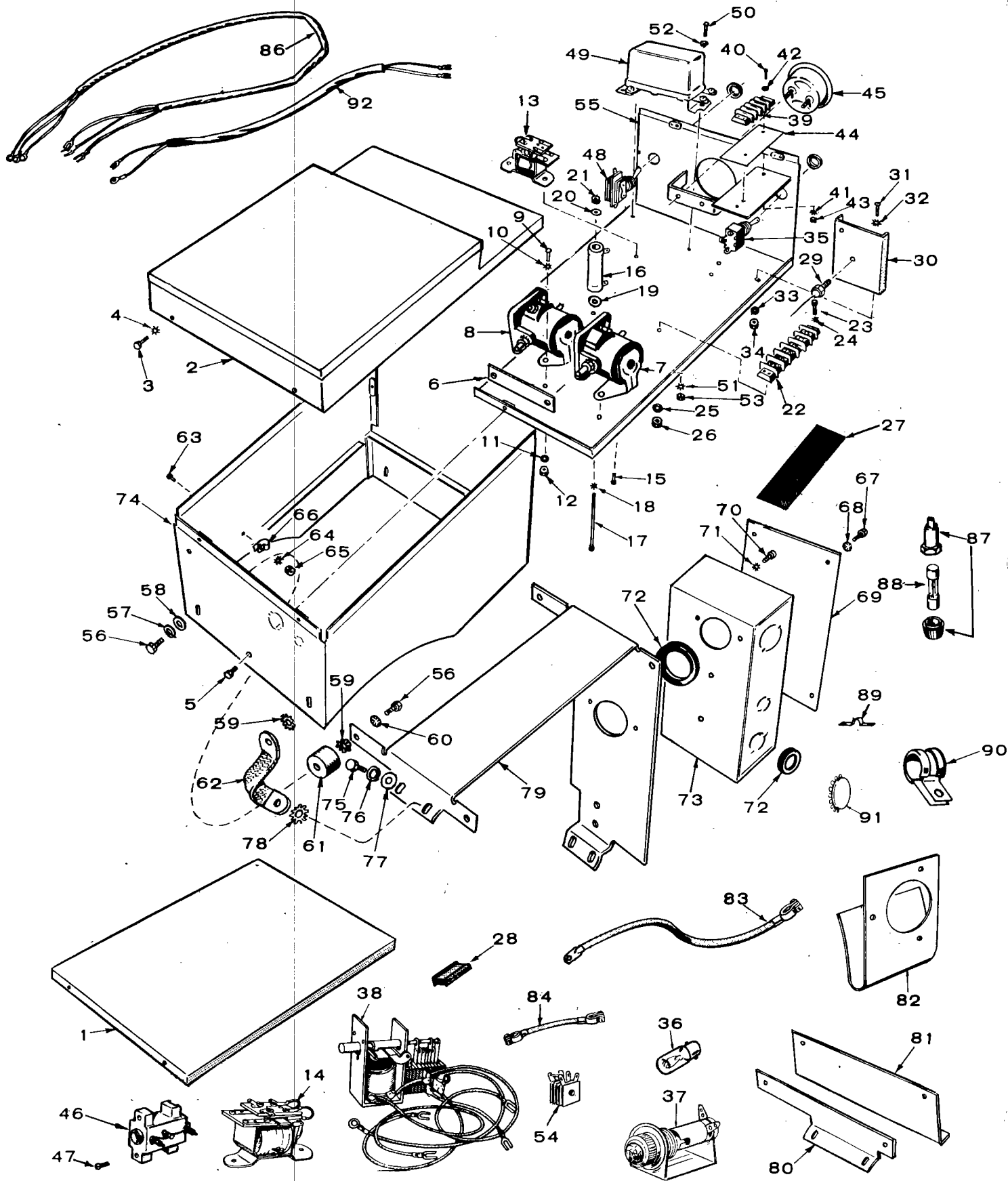
GENERATOR ALTERNATOR SPEC A THROUGH Z



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	ADAPTER, ENGINE TO GENERATOR		
	231-0099	1	Spec A Only
	231-0111	1	Spec B through Z
2	205-0064	1	Blower, Generator
3	515-0006	1	Key, Blower
4	234-0162	1	Baffle, Generator Air
5	201-1124	1	Rotor Assembly, Wound (Includes Bearing & Blower)
6	510-0047	1	Bearing, Rotor
7	232-0596	1	Clip, Bearing Stop
8	STARTER, WOUND		
			50 Hertz
	220-0960	1	120/208 Volt
			120/240 Volt
	220-0792	1	Single Phase
	220-0791	1	Three Phase
	220-0761	1	220/380 Volt
			60 Hertz
	220-0602	1	120/208 Volt
			120/240 Volt
	220-0600	1	Single Phase
	220-0652	1	Three Phase
	220-0769	1	277/480 Volt
	220-0755	1	600 Volt
	220-0600	1	Contractor Models
9	211-0146	1	Bell, End - Alternator to Exciter
10	520-0639	4	Stud, Generator Through
11	520-0614	1	Stud, Rotor Through

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
12	212-1064	2	Block, Collector Ring Brush
13	214-0059	4	Brush, Collector Ring
14	234-0172	1	Cover, Air Outlet
15	870-0177	1	Clip, Air Outlet Cover
16	304-0500	1	Resistor, Tapped Adjustable
17	232-1565	1	Bracket, Resistor Mounting
18	304-0006	2	Washer, Resistor Centering
19	520-0620	1	Stud, Resistor Mounting
20	866-0001	1	Nut, Resistor Mounting
21	870-0203	1	Nut, Rotor Stud
22	232-0200	1	Washer, Rotor Stud
23	508-0095	1	Grommet, Rubber - Air Baffle
24	SCREW, HEX CAP - ADAPTER MOUNTING		
	800-0050	2	3/8-16 x 1"
	800-0051	2	3/8-16 x 1-1/4"
25	850-0050	4	Lockwasher (3/8"), Adapter Mounting
26	812-0026	4	Screw, Round Head (8/32 x 1-1/4")
27	856-0002	4	Washer, Lock (EIT #8)
28	515-0103	1	Key, Blower to Rotor Shaft
31	809-0046	1	Screw, Round Head - Air Outlet Cover Mounting
32	204-0061	1	Collector Ring
33	850-0055	1	Washer, Lock (7/16")
34	862-0015	4	Nut, Hex (5/16-18) - Generator Through Stud
35	850-0045	4	Washer, Lock (5/16")
36	508-0112	1	Grommet, Rubber - Lead Out

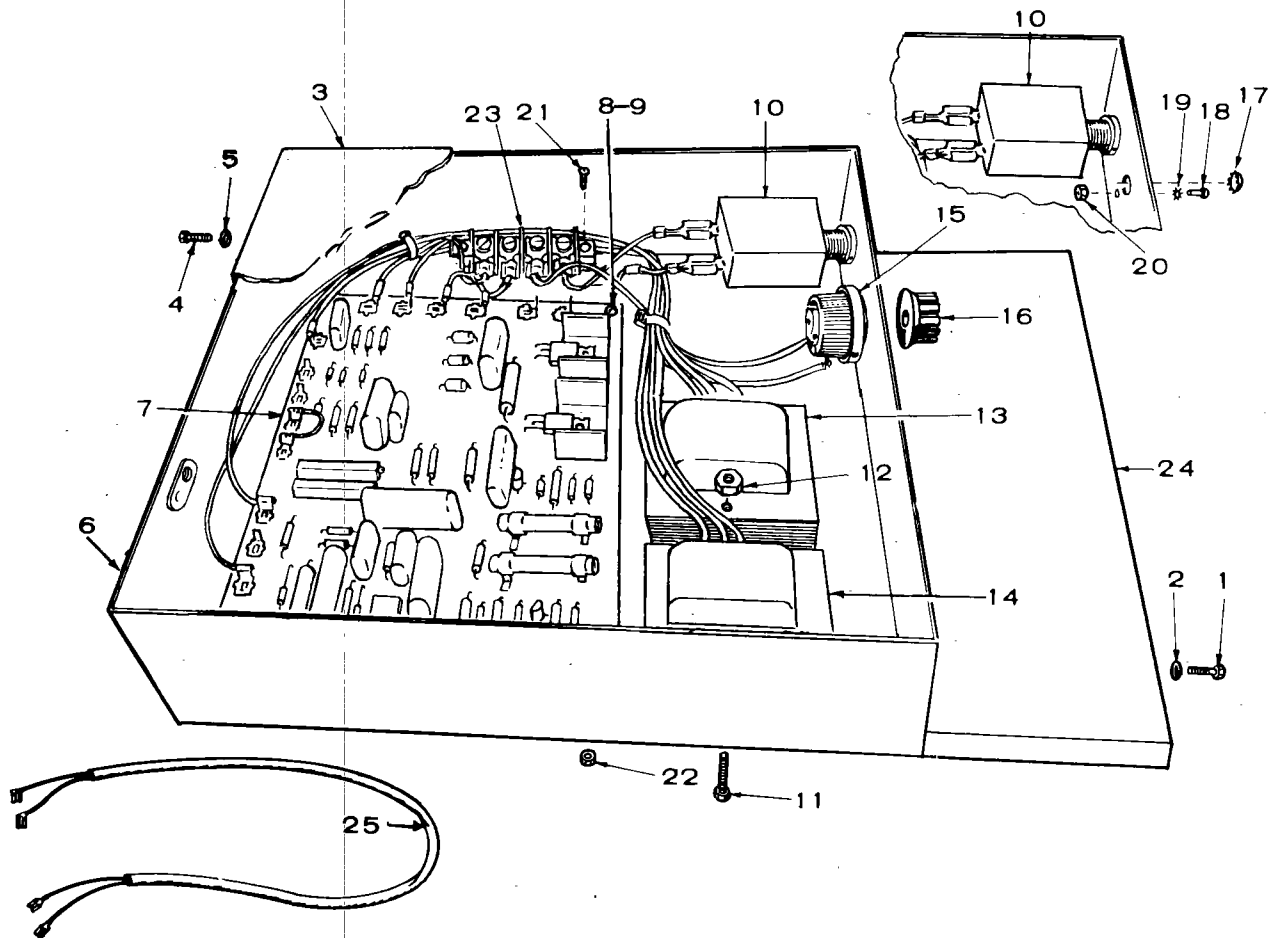
CONTROL



CONTROL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	301-1963	1	Cover, Control Box - Specs A Through Z	48	308-0037	1	Switch, Toggle - Manifold Heater
2	REGULATOR ASSEMBLY, VOLTAGE (See Separate Group For Components)			49	307-0597	1	Relay, Ignition Start - Specs A through Z
	305-0589	1	Without Adjustment	50	812-0079	2	Screw, Roundhead (#8-32 x 1/2")
	305-0590	1	With Adjustment	51	853-0008	2	Washer, Lock - External (#8)
3	815-0178	4	Screw, Hex Head (#10-32 x 5/8")	52	850-0025	2	Washer, Lock (#8)
4	853-0008	4	Washer, Lock - External (#10)	53	860-0008	2	Nut, Hex (#8-32)
5	815-0178	5	Screw, Hex Head (#10-32 x 5/8")	54	305-0197	1	Rectifier - Specs A through E
6	332-0602	1	Jumper, Solenoid to Solenoid	55	PANEL, CONTROL		
7	RELAY, MANIFOLD HEATER				301-1961	1	Standard
	307-1046	1	12 & 24 Volt		301-2376	1	Units with LOPKO and Overspeed Lamps
	307-0061	1	32 Volt	56	800-0024	8	Screw, Cap - Hex Head (5/16-18 x 1/2")
8	RELAY, START SOLENOID			57	850-0045	8	Washer, Lock - Spring (5/16")
	307-1046	1	12 & 24 Volt - Specs A through Z	58	526-0115	4	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk) -
	307-0845	1	12 & 24 Volt - Begin Spec AA	59	856-0008	6	Washer, Lock - External (5/16")
	307-0061	1	32 Volt - Specs A through Z	60	854-0017	4	Washer, Lock - Internal (5/16")
	307-0875	1	32 Volt - Begin Spec AA	61	402-0078	4	Mount, Rubber
9	815-0180	4	Screw, Round Head (#10-32 x 3/4")	62	STRAP, GROUND		
10	853-0008	4	Washer, Lock - External (#10)		337-0052	1	Specs A through Z
11	850-0030	4	Washer, Lock - Spring (#10)		337-0036	1	Begin Spec AA
12	870-0053	4	Nut, Hex (#10)	63	812-0079	1	Screw, Roundhead (#8-32 x 1/2")
13	307-0623	1	Relay, Start Disconnect	64	856-0052	2	Washer, Lock - External (#8)
14	307-0614	1	Relay, Low Oil Pressure Switch (Specs A through E)	65	860-0008	1	Nut, Hex (#8-32)
15	812-0079	4	Screw, Roundhead (#8-32 x 1/2")	66	332-0052	1	Clip, Wire
16	RESISTOR, FIXED			67	815-0027	4	Screw, Trusshead (#10-32 x 1/2")
	304-0032	1	15 Ohm, 10 Watt	68	854-0017	4	Washer, Lock - Internal (5/16")
	304-0217	1	1 Ohm, 10 Watt - Used with Low Oil Pressure Switch (Begin Spec F)	69	301-0856	1	Cover, Output Box
17	812-0090	2	Screw, Roundhead (#8-32 x 2-1/4")	70	815-0236	3	Screw, Hexhead (5/16 x 5/8")
18	853-0008	1	Washer, Lock - External (#8)	71	854-0017	3	Washer, Lock - External (5/16")
19	508-0015	As Req	Washer, Insulating	72	GROMMET, RUBBER		
20	526-0048	2	Washer, Flat (11/64" ID x 3/8" OD x 1/32" Thk)		508-0183	As Req	1-3/4" Hole
21	860-0008	2	Nut, Hex (#8-32)		508-0021	As Req	3/4" Hole
22	332-0706	1	Block, Terminal		508-0001	As Req	1-1/16" Hole
23	812-0066	2	Screw, Roundhead (#6-32 x 3/4")		508-0117	As Req	1-3/8" Hole
24	853-0003	2	Washer, Lock - External (#6)	73	BOX, OUTPUT		
25	850-0020	2	Washer, Lock - Spring (#6)		301-1978	1	Specs A thru Z
26	860-0005	2	Nut, Hex (#6-32)		301-3682	1	Begin Spec AA
27	332-0739	1	Marker, Terminal Strip	74	301-1962	1	Box, Control
28	332-0750	1	Marker Strip and Holder (Early Models Only)	75	815-0236	4	Screw, Hex Head (5/16 x 5/8")
29	RECTIFIER, CURRENT			76	850-0045	3	Washer, Lock - Spring (5/16")
	305-0235	1	10 Amp, 100 Volt (12 & 24 Volt)	77	526-0115	3	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)
	358-0015	1	12 Amp, 100 Volt (32 Volt)	78	856-0008	1	Washer, Lock - External (5/16")
30	305-0254	1	Heat Sink, Rectifier	79	301-3683	1	Bracket, Control Box - Begin Spec AA
31	813-0103	2	Screw, Roundhead (#10-32 x 3/4")	80	301-1980	1	Bracket, Control Box - Specs A through Z
32	853-0008	2	Washer, Lock - External (#10)	81	301-2208	1	Bracket, Control Box - Specs A through Z
33	850-0030	2	Washer, Lock - Spring (#10)	82	301-3720	1	Bracket, Output Box - Specs A through Z
34	870-0053	2	Nut, Hex (#10-32)	83	CABLE, BATTERY		
35	308-0154	1	Switch, Toggle - Start/Stop		416-0021	2	Unhoused Sets (20-1/2")
36	322-0004	As Req	Lamp		416-0037	2	Housed Sets
37	322-0069	As Req	Holder, Lamp	84	416-0133	1	Cable, Jumper Battery
38	307-1129	2	Relay - Optional (LOPKO and Overspeed)	86	HARNESS, WIRING		
39	332-0604	1	Block, Terminal (5 Place)		338-0305	1	Start, Stop
40	812-0063	2	Screw, Roundhead (#6-32 x 1/2")		338-0495	1	Remote
41	853-0003	2	Washer, Lock - External (#6)	87	321-0175	1	Holder, Fuse
42	850-0020	2	Washer, Lock - Spring (#6)	88	321-0146	1	Fuse (10 Ampere)
43	860-0005	2	Nut, Hex (#6-32)	89	332-1043	1	Jumper, Terminal Block
44	332-0616	1	Strip, Terminal Marker (B+, 1, 2, 3, H)	90	416-0096	2	Clamp, Battery Cable Support
45	302-0446	1	Ammeter	91	BUTTON, DOT		
46	SWITCH				517-0139	As Req.	11/16" Hole
	308-0091	1	Reset - Specs A through E		517-0012	As Req.	5/8" Hole
	320-0104	1	Emergency - Begin Spec F	92	HARNESS, WIRING (Housed Sets Only)		
47	812-0079	2	Screw, Roundhead (#8-32 x 1/2")		338-0496	1	Control to Output Box
					338-0939	1	Control to Remote Start/Stop

VOLTAGE REGULATOR - BEGIN SPEC AA



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	815-0350	4	Screw, Slotted Hex Washer Head (#10-32 x 3/8")	12	870-0183	4	*†Nut, Hex (#6-32)
2	850-0030	4	Lockwasher (#10)	13	315-0391	1	*†Reactor (CMR21)
3	301-3714	1	Cover, Voltage Regulator	14	315-0386	1	*†Transformer, Voltage (T21)
4	815-0350	4	Screw, Slotted Hex Washer Head (#10-32 x 3/8")	15	303-0103	1	†Rheostat (R21)
5	850-0030	4	Lockwasher (#10)	16	303-0194	1	†Knob
6	REGULATOR ASSEMBLY, VOLTAGE			17	517-0045	1	*Plug, Dot Button
	305-0589	1	Without Voltage Adjustment (Includes Parts Marked *)	18	812-0027	1	*Screw, Round Head (#4-40 x 1/4")
	305-0590	1	With Voltage Adjustment (Includes Parts Marked †)	19	853-0001	1	*Lockwasher, Ext. Tooth (#4)
7	BOARD, VOLTAGE REGULATOR			20	860-0003	1	*Nut, Hex (#4-40)
	300-1540		£Begin Spec AB	21	812-0063	2	*†Screw, Round Head, Slotted (#6-32 x 1/2")
	300-1404	1	*Begin Serial #F760142042 During Spec AA	22	870-0183	2	*†Nut, Hex (#6-32)
	300-1006	1	*Prior to Serial #F760142042 During Spec AA	23	332-1647	1	*†Terminal Strip (TB21)
8	815-0190	4	*†Screw, Round Head (#8-32 x 3/8")	24	301-3713	1	*†Panel, Mounting
9	853-0005	4	*†Lockwasher (#8)	25	HARNESS, WIRING -VOLTAGE REGULATOR TO EXCITER STATOR		
10	320-0505	1	*†Circuit Breaker (CB21)		338-0744	1	Used on Unhoused Sets
11	812-0070	4	*†Screw, Round Head (#6-32 x 1-1/4")		338-0755	1	Used on Housed Sets

* - Parts included in Non-Adjustable Voltage Regulator Assembly.

† - Parts included in Adjustable Voltage Regulator Assembly.
£ - 300-1540 Regulator Board is Complete Replacement for 300-1006 and 300-1404 Regulator Boards.

SERVICE KITS AND MISCELLANEOUS

PART NO.	QTY. USED	PART DESCRIPTION
GASKET KIT, SET		
168-0087	1	Standard Models
168-0155	1	Contractors Models
OVERHAUL KIT, SET		
522-0202	1	Spec A Through R
522-0245	1	Begin Spec S
98-1100	1	Decal Kit
PAINT, TOUCH-UP (PRESSURIZED CAN)		
525-0305	As Req.	Non-Metallic Green (13 oz.)
525-0137	As Req.	Metallic Green (13 oz.)
525-0454	As Req.	Greige (13 oz.)

NOTE: For other kits, refer to the group for the part in question.

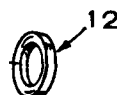
SPECIAL PARTS SECTION

**FOR 120DJC-3CE/
CONTRACTORS MODELS
(Formerly 12DJC-3E2236/)**

Parts not listed in this section, refer to the standard parts groups.
Exception: Overhaul Kits do not apply.

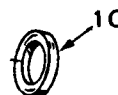
CYLINDER BLOCK AND OIL BASE

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
12	509-0112	1	Seal, Oil



GEARCASE

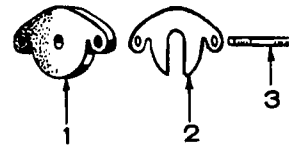
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	103-0454	1	Gear Case Assembly - Complete
10	509-0111	1	*Seal, Oil



* - Included in Gear Case Assembly.

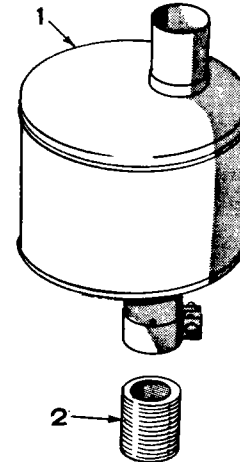
STARTER

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-0506	1	Seal, Dirt (Starter)
2	191-0505	1	Cover Plate, Dirt Seal
3	520-0662	1	Stud, Starter Mounting



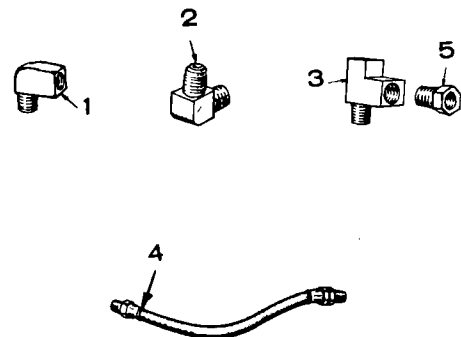
EXHAUST SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	155-0824	1	Muffler, Exhaust
2	505-0220	1	Nipple, Pipe Close, Exhaust



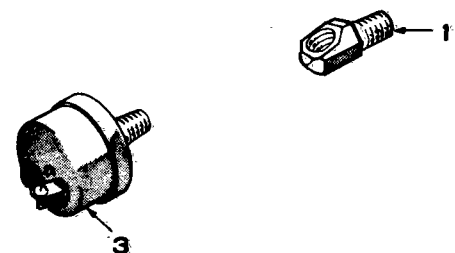
FUEL PUMP AND INJECTION SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	502-0020	1	Elbow, Street - Fuel Pump Outlet
2	502-0138	1	Elbow, Male - Fuel Pump Outlet
3	502-0058	1	Tee, Fuel Return Line to Injection Pump - Spec P Only
4	501-0002	1	Line, Fuel Solenoid Valve to Injection Pump Return Line Tee
5	502-0017	1	Connector, Return Line - Begin Spec R

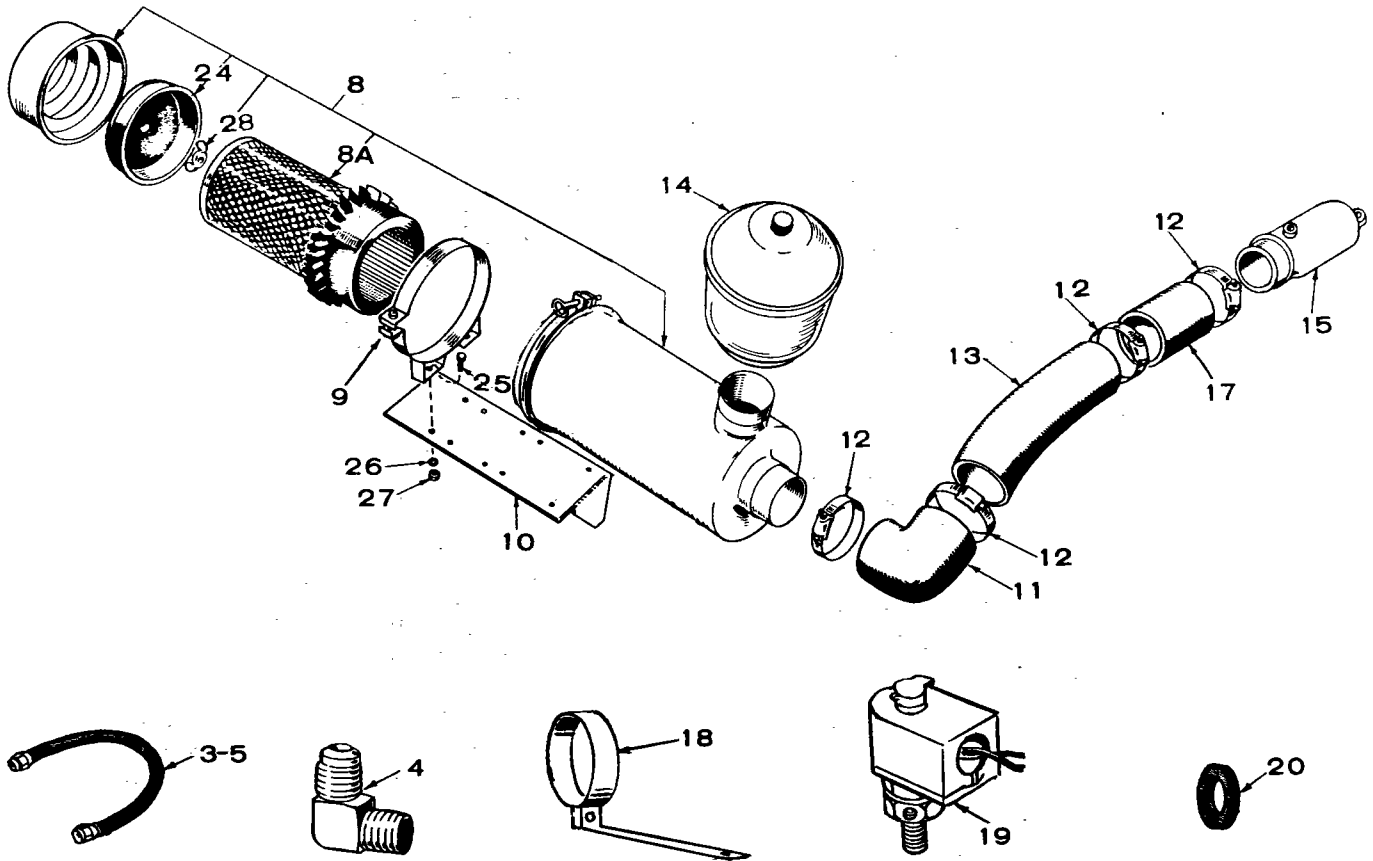


OIL SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	502-0053	1	Elbow, Street (45°), Oil Pressure Switch Mounting
3	309-0169	1	Switch, Low Oil Pressure Cut-off



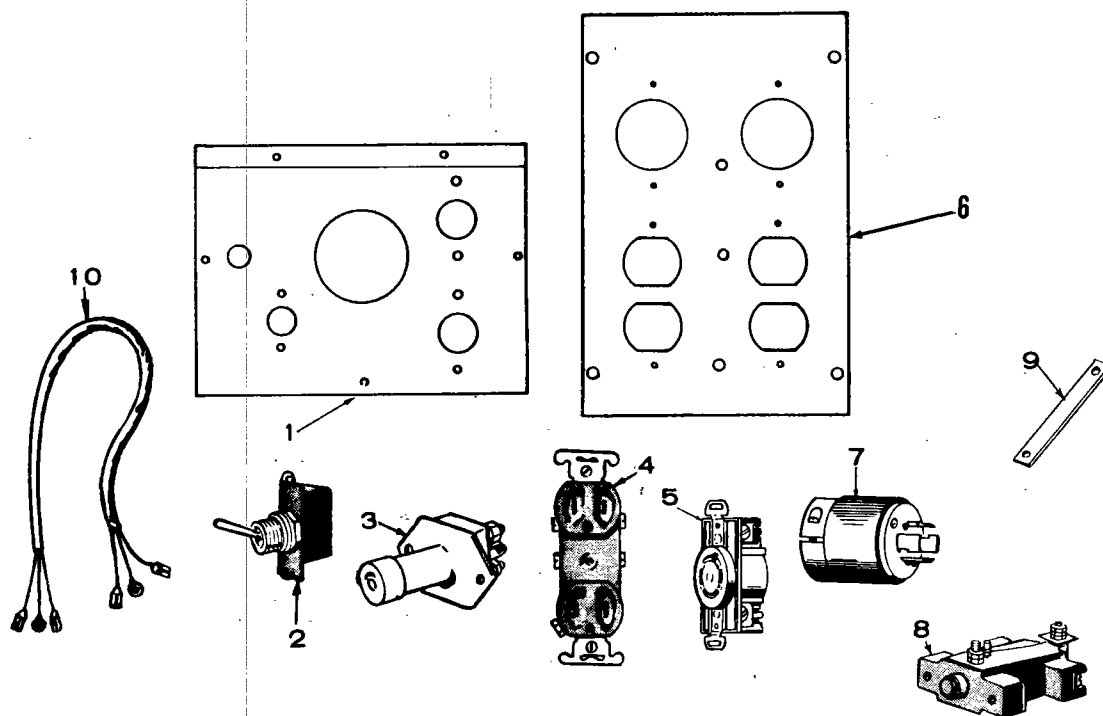
AIR CLEANER AND FUEL FILTER



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
3	501-0098	1	Line, Fuel Pump to Secondary Filter
4	502-0054	1	Elbow, Secondary Filter Inlet and Outlet
5	501-0097	1	Line, Secondary Filter to Injection Pump
8	140-0721	1	Cleaner, Air, Includes Element
8A	140-0765	1	Element Only, Air Cleaner
9	140-0722	2	Band, Air Cleaner Mounting
10	BRACKET, AIR CLEANER		
	140-0720	1	Spec A through Z
	140-1271	1	Begin Spec AA
11	503-0419	1	Elbow, Air Cleaner
12	503-0274	4	Clamp, Hose
13	140-0740	1	Tube, Air Induction

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
14	140-0723	1	Pre-cleaner, Air Cleaner, Plastic
15	140-1212	1	Adapter, Air Cleaner
17	503-0330	1	Hose, Air Cleaner Connector
18	140-0852	1	Bracket, Hose Support
19	307-0973	1	Solenoid Replacement Kit, Fuel Shut-Off - Spec P Only
20	508-0071	1	Grommet, Fuel Solenoid - Spec P Only
24	140-1267	1	Baffle, Air Cleaner
25	800-0024	4	Screw, Hex Head (5/16-18 x 1/2)
26	850-0045	4	Lockwasher (5/16)
27	862-0015	4	Nut, Hex (5/16-18)
28	865-0020	1	Nut, Wing

CONTROL

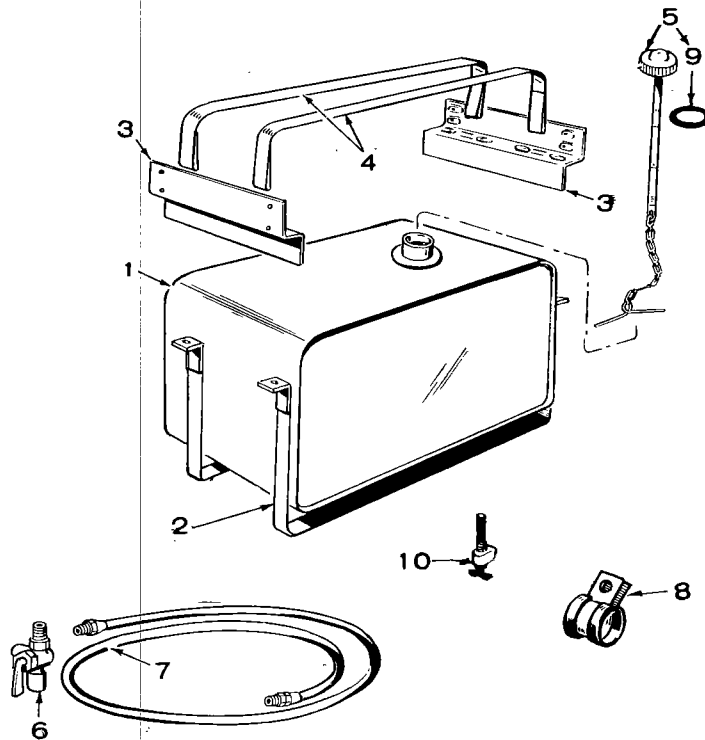


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	301-2297	1	Panel, Control
2	308-0069	1	Switch, Run/Stop
3	308-0028	2	Switch (1) Start (1) Heater
4	323-0383	2	Receptacle, Duplex
5	RECEPTACLE, TWISTLOCK		
	323-0856	2	Begin Spec AA
	323-0091	2	Spec A Through Z
6	PANEL, RECEPTACLE BOX		
	301-4754	1	Begin Spec AB
	301-1170	1	Spec A Through AA
7	PLUG, TWISTLOCK		
	323-0857	2	Begin Spec AA
	323-0185	2	Spec A Through Z
8	BREAKER, CIRCUIT - Begin Spec AB		
	320-0549	2	60 Ampere
	320-0544	2	30 Ampere
9	332-0602	1	Jumper - Start Switch to Heater Switch
10	HARNESS, WIRING		
	338-0725	1	Start-Disconnect
	338-0394	1	Starter to Solenoid

OPTIONAL EQUIPMENT SECTION

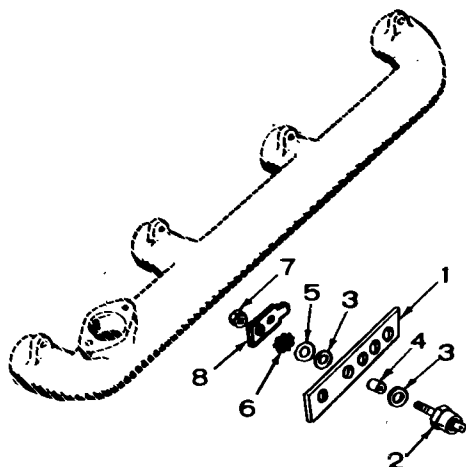
This section contains parts listing of factory installed options.
NOTE: options may not be applicable to all models; for field installations, additional parts are usually required.

OPTIONAL FUEL TANK (HOUSED SETS)



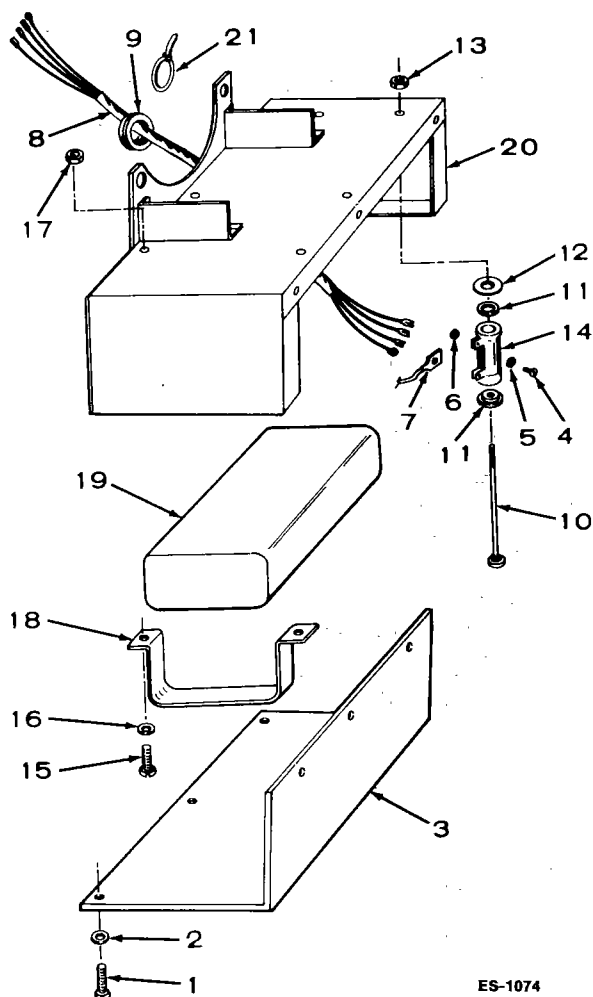
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	159-0960	1	Fuel Tank Assembly - Complete
1	159-0788	1	Tank, Fuel (15 Gal.)
2	159-0786	2	Strap, Mounting
3	159-0789	2	Bracket, Support
4	159-0787	2	Strap, Holddown
5	159-0512	1	Cap and Indicator
6	504-0007	1	Valve, Shut-off (Return)
7	LINE, FUEL - FLEXIBLE		
	501-0007	1	24" lg
	501-0010	1	42" lg
8	332-0050	2	Clip, Fuel Line
9	159-0751	1	Gasket, Cap and Indicator
10	504-0013	1	Valve, Shut-off (Outlet)
ASSOCIATED MOUNTING HARDWARE - NOT ILLUSTRATED			
	800-0009	4	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
	821-0010	8	Screw, Cap - Lockinghead (1/4-20 x 1/2")
	850-0040	4	Washer, Lock - Spring (1/4")

OPTIONAL HIGH AIR TEMPERATURE SWITCH



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	309-0195	1	Bracket, Switch Mounting
2	SWITCH, HIGH AIR TEMPERATURE		
	309-0196	1	Use W/O Indicator Lights
	309-0206	1	Use With Indicator Lights
3	508-0126	2	Insulator, Washer
4	508-0127	1	Insulator, Sleeve
5	526-0021	1	Washer, Flat (17/64" ID x 3/4" OD x 1/16" Thk)
6	856-0006	1	Washer, Lock - ET (1/4")
7	862-0001	1	Nut, Hex (1/4-20)
8	332-0876	1	Terminal, Ground

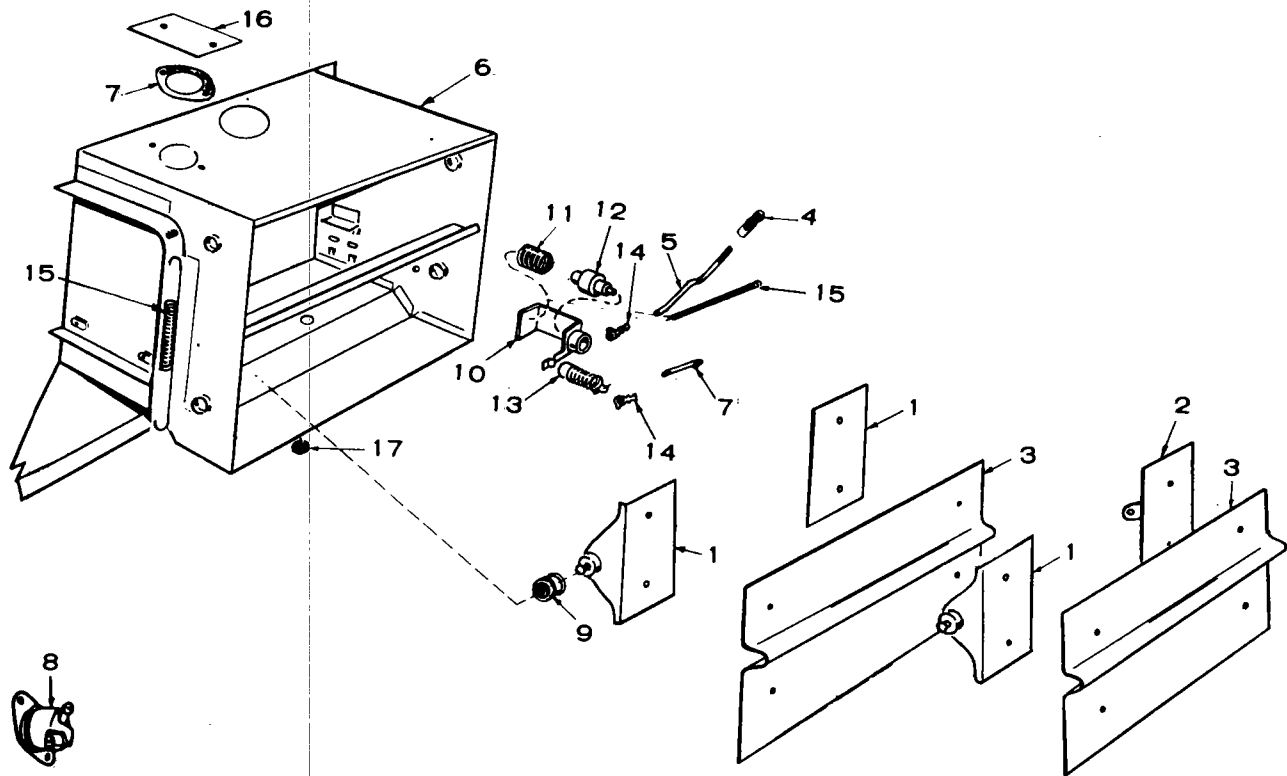
OPTIONAL VOLTAGE REGULATOR FILTER



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	813-0098	6	Screw, Machine - Round Head (#10-32 x 3/8")
2	850-0030	6	Washer, Lock - Spring (#10)
3	232-2463	1	Cover, Housing
4	815-0001	4	Screw, Machine - Binding Head Brass (#6-32 x 1/4")
5	853-0003	4	Washer, Lock - ET (#6)
6	860-0006	4	Nut, Hex (#6-32)
7	332-1279	4	Terminal, Lug
8	338-1165	1	Harness, Wiring
9	508-0071	1	Grommet, Rubber
10	813-0112	2	Screw, Machine - Round Head (#10-32 x 2-1/2")
11	304-0015	4	Washer, Centering
12	304-0292	2	Insulator, Resistor
13	870-0053	2	Nut, Hex (#10-32)
14	304-0120	2	Resistor, Fixed (2 Ohm, 25 Watt)
15	812-0079	4	Screw, Machine - Round Head (#8-32 x 1/2")
16	850-0025	4	Washer, Lock - Spring (#8)
17	860-0008	4	Nut, Hex (#8-32)
18	312-0198	2	Bracket, Mounting - Capacitor
19	312-0197	1	Capacitor
20	232-2462	1	Housing, Filter
21	332-0942	2	Tie, Cable

ES-1074

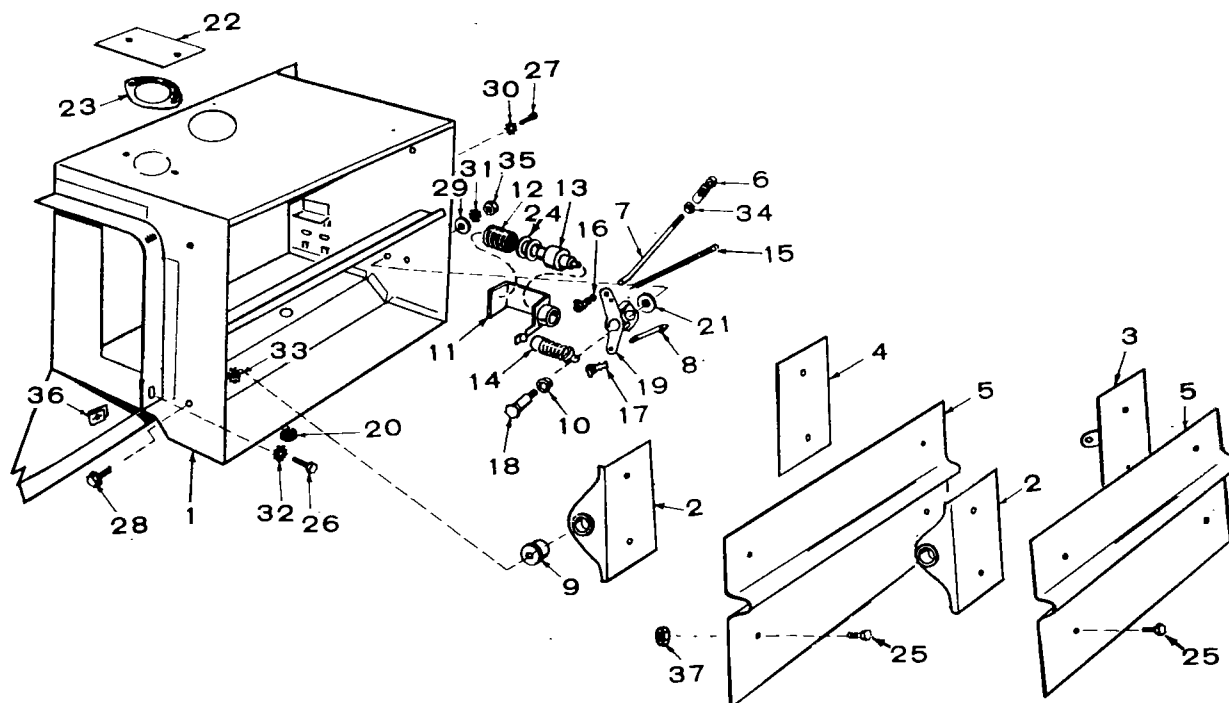
**OPTIONAL
AIR SHUTTER DISCHARGE
SPEC A THROUGH R**



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	134-1234	1	Shutter Assembly, Complete (External Springs) - For replace order #134-3754
1	134-1242	3	Bracket and Pivot
2	134-1238	1	Bracket, Shaft and Pin Assembly
3	134-1237	2	Shutter (No Longer Available)
4	150-1358	1	Joint, Ball
5	134-1247	1	Rod, Shutter Control
6		1	Duct only - Not Sold Separately
7	154-0738	1	Gasket, Exhaust Outlet
8	309-0162	1	Switch, Hi-Temperature Specs A Through N (Mounts on Air Ducts)
9	134-1248	4	Bearing, Shutter
10	134-1244	1	Bracket and Guide, Vernatherm
11	134-0656	1	Spring, Vernatherm Element
12	309-0085	1	Element, Vernatherm
13	134-0658	1	Spring, Shutter Return
14	518-0004	1	Clip, Rod End
15	134-1437	2	Spring, Shutter Pivot
16	134-1375	1	Plate, Exhaust Outlet
17	508-0002	1	Grommet, Rubber

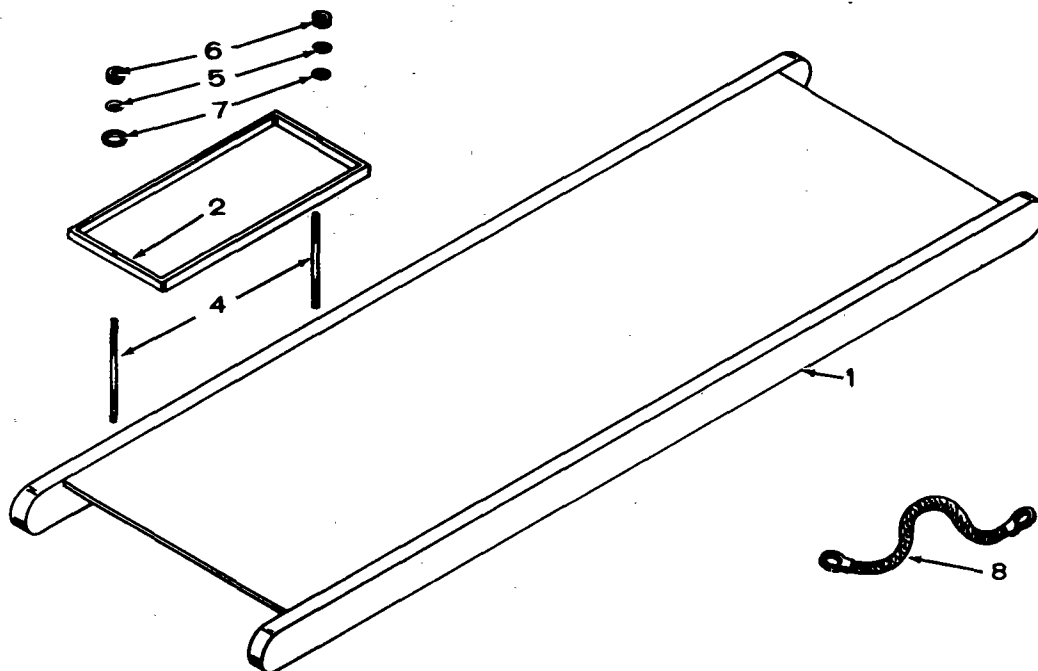
OPTIONAL AIR SHUTTER DISCHARGE

BEGIN SPEC S



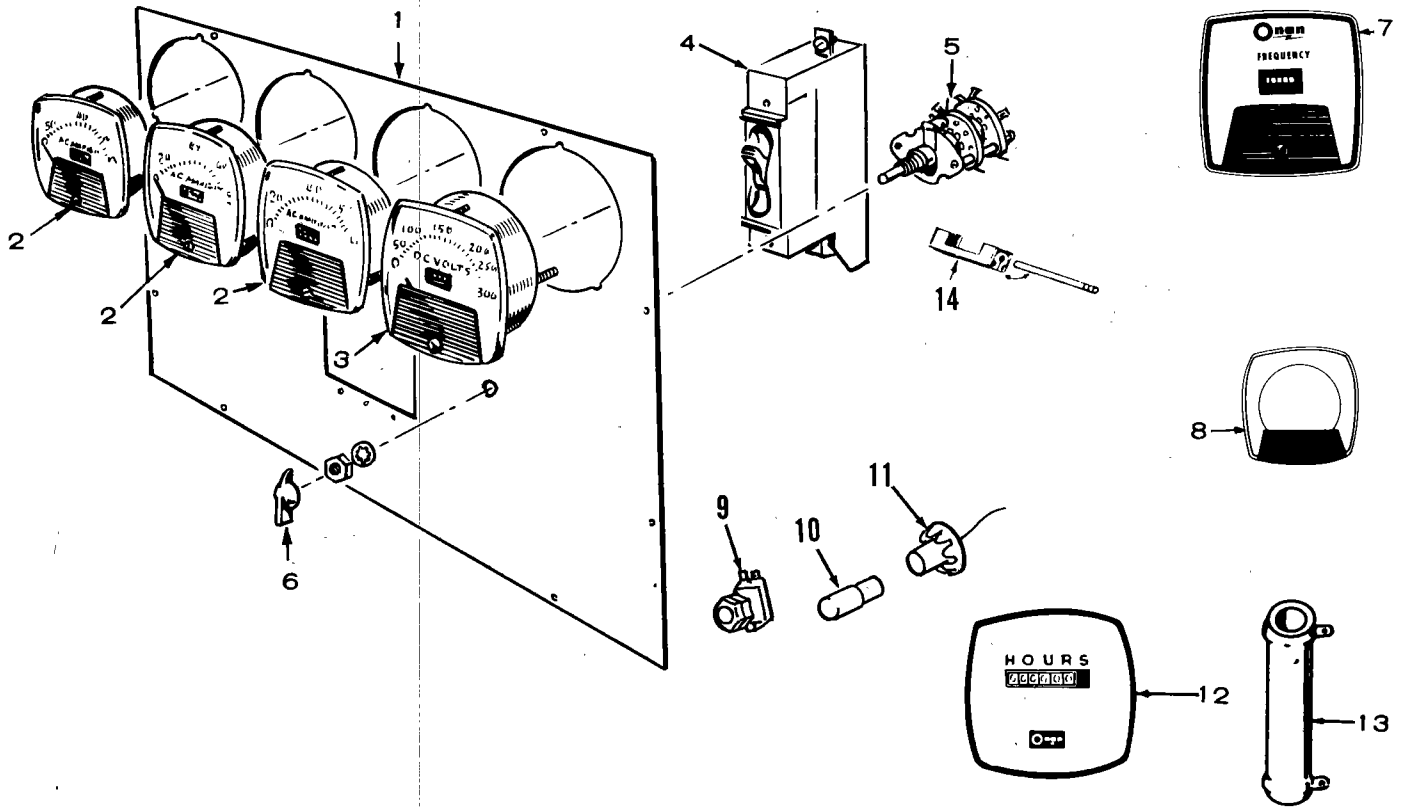
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	134-3754	1	Shutter Assembly, Complete (Internal Springs)	20	508-0002	1	Grommet, Rubber
1	134-1805	1	Duct only, Air Outlet	21	526-0213	1	Washer, Actuating Shaft
2	134-2411	2	Bracket and Pivot, Shutter	22	134-1375	1	Plate, Exhaust Outlet Cover
3	134-1802	1	Bracket and Pivot, Shutter and Rod	23	154-0738	1	Gasket, Exhaust Outlet
4	134-1801	1	Bracket and Pivot, Shutter and Spring	24	526-0175	2	Washer, Flat (41/64" ID x 29/32" OD x 1/16" Thk)
5	134-1614	2	Shutter, Air Outlet	25	815-0194	8	Screw, Cap - Hex Head (#10-32 x 3/8")
6	150-1358	1	Joint, Ball	26	815-0235	3	Screw, Cap - Hex Head (1/4-20 x 5/8")
7	134-1606	1	Rod, Shutter Control - Upper	27	813-0097	2	Screw, Machine - Round Head (#10-32 x 5/16")
8	134-1607	1	Rod, Shutter Control - Lower	28	821-0010	4	Screw, Cap - Hex Head Locking (1/4-20 x 1/2")
9	134-2900	4	Bearing, Shutter	29	526-0113	1	Washer, Flat (11/32" ID x 1" OD x 3/32" Thk)
10	134-1248	2	Bearing, Actuating Arm	30	853-0008	2	Washer, Lock - ET (#3)
11	134-1610	1	Bracket and Guide Vernatherm	31	853-0016	1	Washer, Lock - ET (5/16")
12	134-0656	1	Spring, Vernatherm Element	32	853-0013	3	Washer, Lock - ET (1/4")
13	309-0085	1	Element, Vernatherm	33	856-0006	4	Washer, Lock - EIT (1/4")
14	134-0658	1	Spring, Shutter Return - Lower	34	870-0131	1	Nut, Hex - Locking (#10-32)
15	134-1817	1	Spring, Shutter Return - Upper	35	862-0015	1	Nut, Jam - Hex (5/16-18)
16	518-0004	1	Clip, Rod End - Right Side	36	870-0178	3	Nut, Clinch (1/4-20)
17	518-0006	2	Clip, Rod End - Left Side	37	870-0131	8	Nut, Lock (#10-32)
18	134-1605	1	Shaft, Actuating Arm				Shutter Mounting
19	134-1604	1	Arm, Actuating				

OPTIONAL SKID AND BATTERY RACK



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	403-0661	1	Skid
2	416-0502	1	Frame, Battery Holddown
4	520-0490	2	Stud, Battery Holddown
5	850-0045	2	Washer, Lock - Spring (5/16")
6	862-0015	2	Nut, Hex (5/16-18)
7	526-0115	2	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)
8	336-0476	1	Strap, Ground

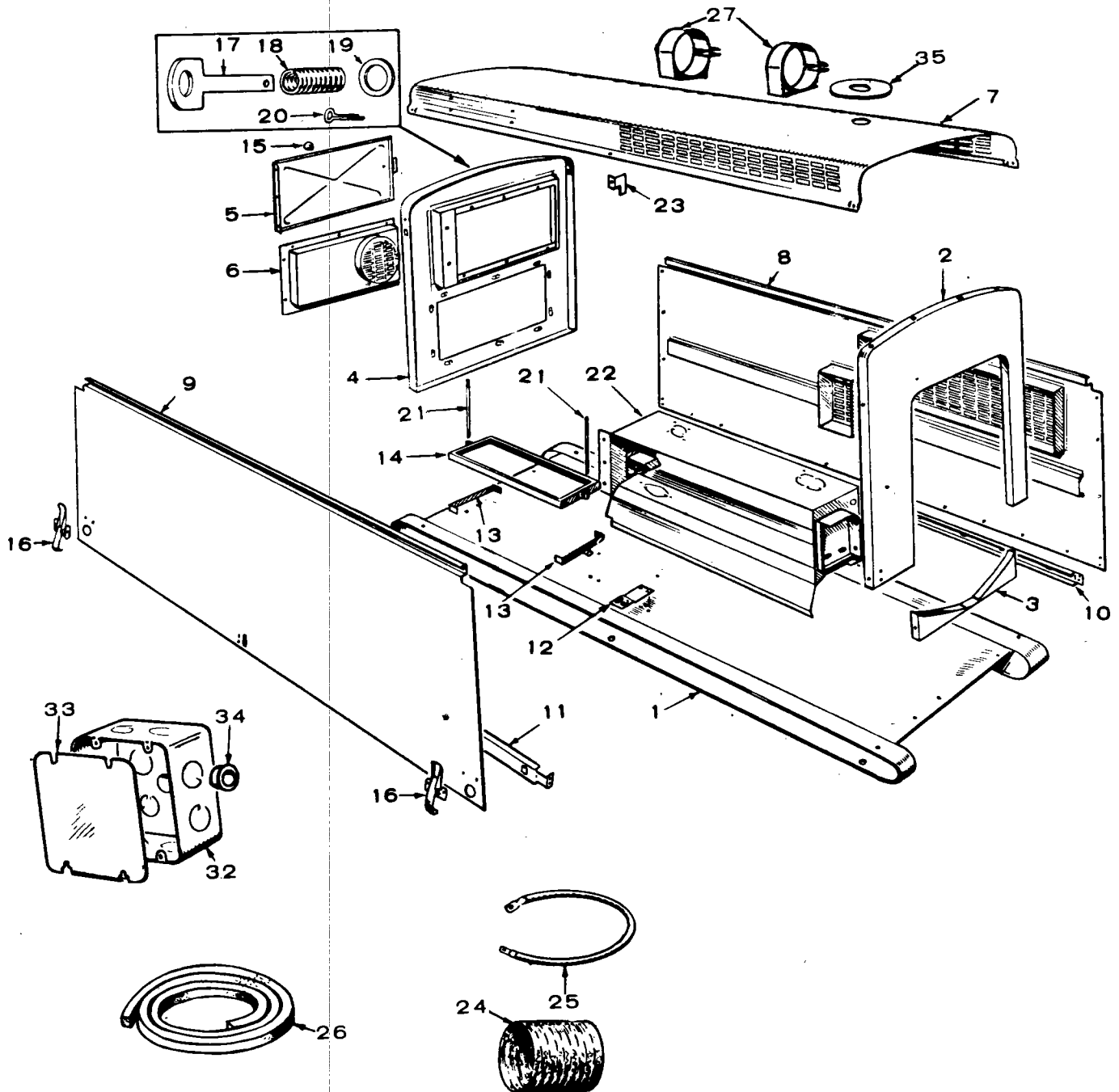
OPTIONAL AC METER PANEL



OPTIONAL AC METER PANEL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	PANEL, METER			4	BREAKER, CIRCUIT (Check Original Part, Select According to Amperage and Voltage)		
			120/208 Volts - 3 Phase				
			Sets With Frequency Meter	320-0150	As Req.	20 Amp., 480 Volt (Single Pole)	
	301-2204	1	Spec AC	320-0151	As Req.	25 Amp., 480 Volt (Single Pole)	
			Sets Without Frequency Meter	320-0020	As Req.	35 Amp., 120/240 Volt (Single Pole)	
	301-2088	1	Begin Spec AA	320-0153	As Req.	40 Amp., 240 Volt (Single Pole)	
			120/240 Volts	320-0198	As Req.	45 Amp., 240 Volt (Single Pole)	
			Sets With Frequency Meter - Three Phase	320-0052	As Req.	50 Amp., 240 Volt (Single Pole)	
	301-2204	1	Begin Spec AA Through Spec AB	320-0195	As Req.	55 Amp., 240 Volt (Single Pole)	
			Sets With Frequency Meter - 1 Phase	320-0021	As Req.	60 Amp., 240 Volt (Single Pole)	
	301-2288	1	Spec AA - 50 Hertz	320-0366	As Req.	65 Amp., 240 Volt (Single Pole)	
	301-2288	1	Spec AC - 60 Hertz	320-0148	As Req.	70 Amp., 240 Volt (Single Pole)	
			Sets Without Frequency Meter - 1 Phase	320-0367	As Req.	75 Amp., 240 Volt (Single Pole)	
	301-1554	1	Spec AA, Spec AC	320-0251	As Req.	100 Amp., 240 Volt (Single Pole)	
			277/480 Volts - 3 Phase	320-0486	As Req.	20 Amp., 480 Volt (3 Pole Companion)	
			Sets With Frequency Meter	320-0487	As Req.	25 Amp., 480 Volt (3 Pole Companion)	
	301-2308	1	Spec AA, Spec AC	320-0488	As Req.	30 Amp., 480 Volt (3 Pole Companion)	
			Sets Without Frequency Meter	320-0514	As Req.	15 Amp., 600 Volt (3 Pole Companion)	
	301-2373	1	Spec AA, Spec AC	320-0459	As Req.	20 Amp., 600 Volt (3 Pole Companion)	
			347/600 Volts - 3 Phase	5	308-0012	1	Switch, Voltmeter Selector (3 Phase Only)
			Sets With Frequency Meter	6	303-0076	1	Knob, Selector Switch (3 Phase Only)
	301-3736	1	Spec AC	7	METER, FREQUENCY (Check Meter Face for Part Numbers)		
2	AMMETER, AC (Check Scale, Select According to Rating)			302-0213	1	100 through 150 Volt, 60 Hertz	
	302-0460	As Req.	Scale Reads 0-20	302-0221	1	200 through 250 Volt, 60 Hertz	
	302-0418	As Req.	Scale Reads 0-30	302-0716	1	480 Volt, 60 Hertz	
	302-0444	As Req.	Scale Reads 0-35	302-0717	1	600 Volt, 60 Hertz	
	302-0419	As Req.	Scale Reads 0-50	302-0234	1	100 through 150 Volt, 50 Hertz	
	302-0458	As Req.	Scale Reads 0-80	302-0256	1	200 through 250 Volt, 50 Hertz	
	302-0410	As Req.	Scale Reads 0-150	302-0825	1	480 Volt, 50 Hertz	
3	VOLTMETER, AC (Check Scale, Select According to Rating)			302-0788	1	600 Volt, 50 Hertz	
	302-0420	1	Scale Reads 0-150	8	302-0488	1	Plate, Meter Face
	302-0421	1	Scale Reads 0-300	9	SWITCH - HOUSED SETS		
	302-0422	1	Scale Reads 0-600	308-0002	1	Panel Lights	
	302-0423	1	Scale Reads 0-750	308-0154	1	Start/Stop	
	302-0612	1	Scale Reads 0-500	10	322-0004	2	Lamp, Panel Light
				11	322-0072	2	Socket, Panel Light
				12	METER, RUNNING TIME		
				302-0465	1	120 Volt, 60 Hertz	
				302-0466	1	240 Volt, 60 Hertz	
				302-0467	1	480 Volt, 60 Hertz	
				302-0468	1	120 Volt, 50 Hertz	
				302-0469	1	240 Volt, 50 Hertz	
				13	304-0536	1	Resistor, Dropping (Fixed) Running Time Meter - 600 Volt Sets (9000-Ohm, 50 Watt)
				14	BAR, CIRCUIT BREAKER TIE		
				320-0187	1	For 3 Circuit Breakers	
				320-0202	1	For 2 Circuit Breakers	

OPTIONAL HOUSING



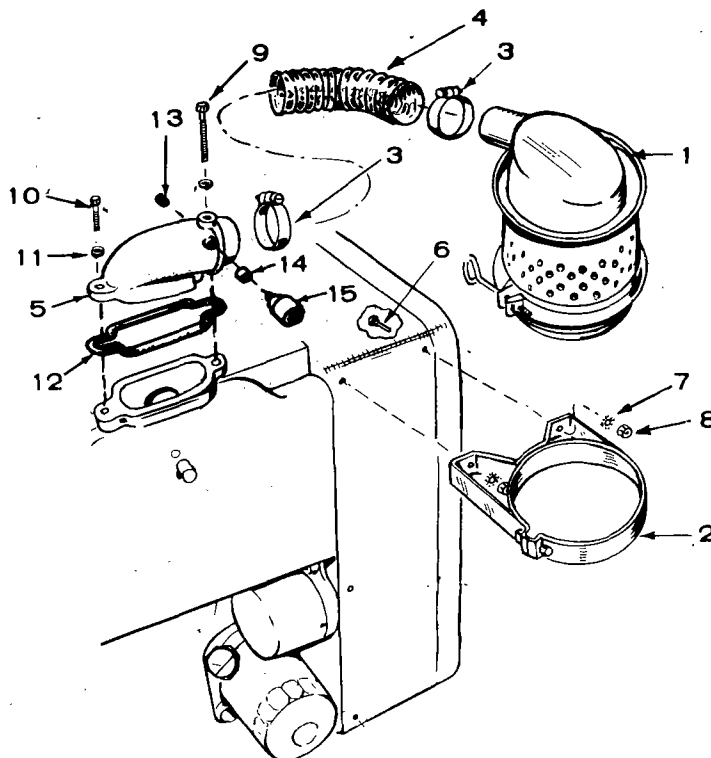
OPTIONAL HOUSING

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	403-0661	1	Base
2	405-1323	1	Panel, Upper - Engine End
3	405-1333	1	Panel, Lower - Engine End
4	PANEL, REAR-GENERATOR END		
	405-1322	1	Sets Without Meter Panel
	405-1331	1	Sets With Meter Panel
5	PANEL, DOOR-REAR END		
	405-1329	1	Sets Without Meter Panel
	405-1332	1	Sets With Meter Panel
6	405-1330	1	Panel, Generator Access
7	405-1326	1	Panel, Top
8	PANEL, RIGHT SIDE		
	405-1342	1	Sets Without Shutters
	405-1352	1	Sets With Shutters
9	405-1325	1	Panel, Left Side
10	405-1327	1	Rail, Stiffener (Right Side)
11	405-1328	1	Rail, Stiffener (Left Side)
12	405-1341	2	Bracket, Stiffener Rail
13	416-0501	2	Bracket, Battery
14	416-0502	1	Frame, Battery Hold-down
15	406-0002	1	Knob, Rear Door Panel
16	406-0105	2	Fastener, Housing
17	405-1138	2	Pin, Shoulder (Rear Panel)

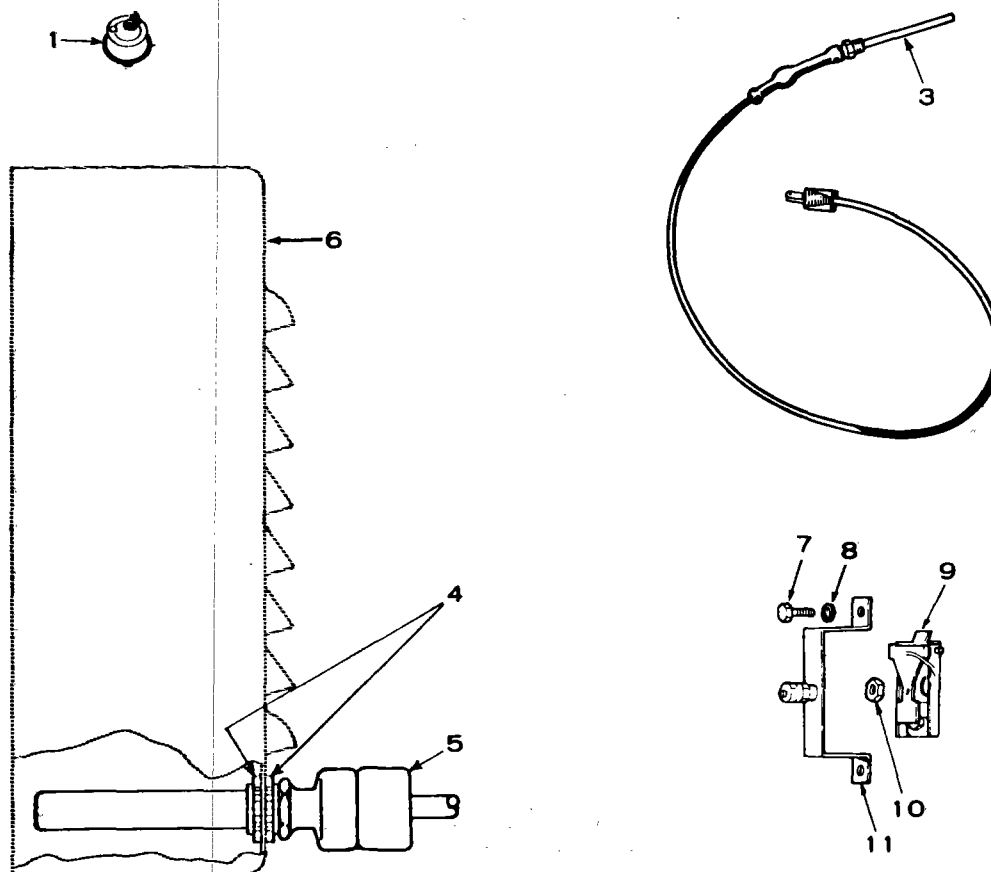
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
18	405-1139	2	Spring, Shoulder Pin (Rear Panel)
19	526-0115	2	Washer, Shoulder Pin (Rear Panel)
20	516-0039	2	Pin, Shoulder Pin
21	520-0490	2	Stud, Battery Hold-down
22	DUCT, EXHAUST MANIFOLD		
	134-1805	1	Sets Without Shutters
	134-3754	1	Sets With Shutters
23	405-1181	2	Stop, Door
24	503-0423	1	Hose, Flexible - Generator Air Duct
25	336-0476	1	Strap, Ground - Engine to Frame
26	895-0104	1	Stripping, Foam Weather (76" Required for Housing - Cement in Place)
27	140-0631	2	Band, Muffler
32	330-0011	1	Box, Junction - Housed Sets
33	330-0012	1	Cover, Junction Box - Housed Sets
34	331-0088	1	Bushing, Junction Box - Housed Sets
35	405-1673	1	Shield, Rain

OPTIONAL OIL BATH AIR CLEANER

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	140-0677	1	Conversion Kit, Oil Bath Air Cleaner (Includes all parts in this group)
1	140-0500	1	Cleaner, Air - Oil Bath
2	140-0519	1	Band, Air Cleaner
3	503-0365	2	Clamp, Hose
4	503-0444	1	Hose, Air Cleaner to Adapter
5	140-1212	1	Adapter, Air Cleaner
6	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
7	850-0040	2	Washer, Lock - Spring (1/4")
8	862-0001	2	Nut, Hex (1/4-20)
9	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
10	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
11	850-0040	2	Washer, Lock - Spring (1/4")
12	140-0584	1	Gasket, Adapter Mounting
13	505-0008	1	Plug, Slotted - Intake Manifold
14	140-1260	1	Fitting
15	140-0961	1	Indicator Assembly, Service



MISCELLANEOUS OPTIONAL PARTS



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	309-0169	1	Switch, Low Oil Pressure
3	102-0558	1	Heater, Oil Base
4	331-0041	2	Nut, Lock (1/2") - Begin Spec AA
5	333-0184	1	Heater, Generator Space
6	COVER, END BELL		
	234-0541	1	Housed Sets
	234-0542	1	Sets Without Overspeed Switch
	234-0543	1	Sets With Overspeed Switch
7	SCREW		
	813-0100	2	Machine - Round Head (#10-32 x 1/2") - Spec A Through Z
	800-0003	2	Cap - Hex Head (1/4-20 x 1/2") - Begin Spec AA
8	WASHER, LOCK - SPRING		
	850-0030	2	#10 - Spec A Through Z
	850-0040	2	1/4" - Begin Spec AA
9	SWITCH, OVERSPEED		
	150-0956	1	60 Hertz Sets
	150-1661	1	50 Hertz Sets
10	868-0004	1	Nut, Jam - Hex Head (7/16-20)
11	BRACKET AND POINT ASSEMBLY		
	150-0958	1	Spec A Through Z
	150-1446	1	Begin Spec AA